# Samsung GALAXY Note™ 10.1

ANDROID TABLET

**User Manual**

**Please read this manual before operating your device and keep it for future reference.**

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# Section 1: Getting Started

This section helps you to quickly start using your tablet.

## Understanding This User Manual

The sections of this manual generally follow the features of your tablet. A robust index for features begins on page 252.

Also included is important safety information, beginning on page 220, that you should know before using your tablet.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting from a Home screen. To get to a Home screen, you may need to unlock the tablet. (For more information, refer to *"Securing Your Device"* on page 17.)

**Note:** Instructions in this manual are based on default settings and may vary from your tablet depending on the software version on your tablet and any changes to the tablet's settings.

**Note:** Unless stated otherwise, instructions in this user manual start with the tablet unlocked, at the Home screen.

All screen images in this manual are simulated. Actual displays may vary depending on the software version of your tablet and any changes to the tablet's settings.

### *Special Text*

In this manual, some text is set apart from the rest. This special text is intended to point out important information, share quick methods for activating features, define terms, and more. The definitions for these methods are as follows:

- **Notes**: Presents alternative options for the current feature, menu, or sub-menu.
- **Tips**: Provides quick or innovative methods or useful shortcuts.
- **Important**: Points out important information about the current feature that could affect performance.
- **Warning**: Brings important information to your attention that can help to prevent loss of data or functionality or damage to your tablet.

### *Text Conventions*

This manual provides condensed information about how to use your tablet. To make this possible, the following text conventions are used to represent often-used steps:

➔ Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures. For example:

From a Home screen, touch **Apps** ➔ **Settings** ➔ **Display** ➔ **Screen timeout**.

## Battery

Your tablet is powered by a rechargeable, standard Li-Ion battery. A Wall/USB Charger (Charging Head and USB cable) are included with the tablet for charging the battery.

**Warning!** Use only approved charging devices. Approved accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

### *Battery Indicator*

The Battery icon in the Status Bar shows the battery power level. When battery power is 15% or less, your tablet prompts you to charge the battery. If you continue to operate the tablet without charging, it powers off. (For battery use information, see *"Battery"* on page 189.)

**Tip:** Touch the Time field to display battery charge status.

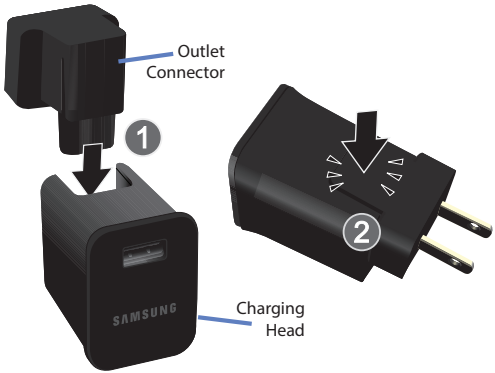
### *Charging the Battery*

Your tablet comes with a Wall/USB Charger (Outlet Connector, Charging Head, and USB cable) to charge your tablet from any standard AC power outlet.

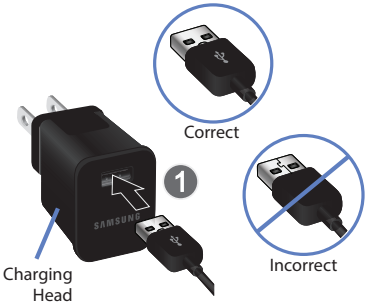
**Note:** The battery comes partially charged. You must fully charge the battery before using your tablet for the first time.

After the first charge, you can use the tablet while charging.

1. Assemble the Wall/USB Charger by removing the protective plastic sheets from the Outlet Connector and the Charging Head and inserting the Outlet Connector (1) into the receptacle on the Charging Head (2) as shown.

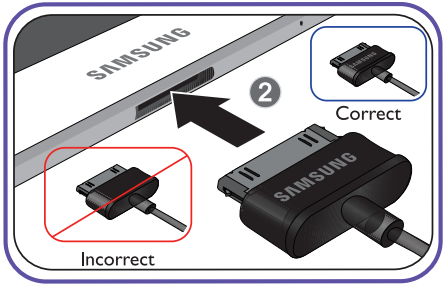



2. Insert the USB cable into the Charging Head (1).



3. Insert the USB cable into the tablet's Charger/ Accessory Port (2).

**Warning!** While the tablet is charging, if the touch screen does not function due to an unstable power supply, unplug the USB power adapter from the power outlet or unplug the USB cable from the tablet.




4. Plug the Charging Head into a standard AC power outlet.

5. When charging is complete, unplug the Charging Head from the power outlet and remove the USB cable from the tablet.

**Note:** You cannot charge the battery using the USB cable and your PC.

**Note:** If the battery is completely discharged, you cannot turn on the tablet, even with the USB power adapter connected. Allow a depleted battery to charge for a few minutes before you try to turn on the tablet.

## Installing the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features.

**Important!** The plug-in SIM card information and its contacts can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

- Carefully slide the SIM card into the SIM card socket (1) until the card locks into place (2). The illustration shows the screen facing up.

**Caution!** Make sure that the SIM card's gold contacts face downward and that the notched corner of the card goes in first.

**Note:** If the card is not inserted correctly, your tablet will not detect the SIM card. Re-orient the card back into the slot if the SIM is not detected.

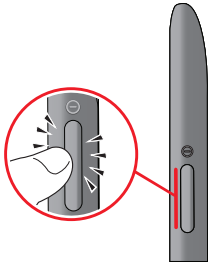
## Turning Your Tablet On and Off

### *Turning Your Tablet On*

- Press and hold the **Power/Lock Key** .

(For more information, refer to *"Unlocking the Device"* on page 17.)

**Note**: Your tablet's internal antenna is located along the top back of the tablet. Do not block the antenna; doing so may affect signal quality and may cause the tablet to operate at a higher power level than is necessary. (For more information, refer to *"GPS Applications"* on page 137.)



### *Turning Your Tablet Off*

1. Press and hold the **Power/Lock Key** .
2. At the **Device options** prompt, touch **Power off**.
3. At the **Power off** prompt, touch **OK**.

## Setting Up Your Tablet

When you first turn on your tablet, you are asked to set up a few things. To do that, the following screens appear. Some screens can be skipped (touch **Skip**) or re-displayed (touch **Back**). Some screens appear depending on the options you choose.

### Welcome

1. Touch the **Select language** field, scroll through the list, and touch the language you want your tablet to use, such as, **English**.
2. Touch **Start**.

### No SIM Card in Device

The **No SIM card in device** screen appears if you have not installed the SIM card that was provided with your tablet.

Ensure that you have an activated SIM card installed in your tablet before device set-up. (For more information, refer to *"Installing the SIM Card"* on page 8.)

- Touch **Next** to operate your tablet without the SIM card.

### Wi-Fi

Make sure the Wi-Fi **OFF / ON** icon is set to ON and choose one of the following options:

- Touch **Add Wi-Fi network** to enter a Network SSID that is not listed.
- Touch **Scan** to make sure you have an accurate list of Wi-Fi networks.
- Touch one of the Wi-Fi networks in the list, enter the password, and touch **Connect**. Touch and connect to another Wi-Fi network or touch **Next** to continue.
- Touch **Skip** to perform this task later. (For more information, refer to *"Wi-Fi"* on page 171.)

### Set Date and Time

1. Touch the time zone field (**GMT**) and select the correct time zone.
2. Under **Date**, set the date (month, day, year), if necessary.
3. Under **Time**, set the time (hour, minute, and AM or PM), if necessary.
4. Touch **Next**.

### Samsung Account

Sign in to your Samsung account to use Samsung services.

1. Touch **variety of services** to learn more.
2. Touch **Create new account** to create a Samsung account.

   – or –

   Touch **Sign in** if you already have a Samsung account.

   – or –

   Touch **Skip** to perform this task later.

### Got Google?

To use all of the Android features of your tablet, you need to create a Google account the first time you use your device. With a Google account, Google applications, including Gmail, Maps, Navigation, and Talk, will always be in sync between your tablet and computer.

The **Got Google?** screen lets you create and sign in to a new Google account or simply sign in to an existing Google account.

---

**Note:** If you skipped Wi-Fi setup, the Wi-Fi setup screen displays and you must connect through a Wi-Fi network.

---

1. Respond to the "**Do you have a Google Account?**" as follows:
   - If you already have a Google account, touch **Yes**. The **Sign in** screen appears.
   - Touch the **Email** field.
     - Enter your Google account Email ID and touch **Next** on the keyboard.
     - Enter your Google account password and touch **Done** on the keyboard.
   - If you do not have a Google account, touch **No**. The **Make it Google** screen appears.
     - To create and sign in to a new Google account, touch **Get an account**.
     - To bypass this step and proceed, touch **Not now**.
   - Once you enter your Google account information, you are prompted to agree to the Google Terms of Service and Privacy Polich. Touch **OK**.

     The **Signing in** screen appears until your tablet is linked to your Google account. (For more information, refer to *"Setting Up Your Gmail Account"* on page 74.)

### Enable Purchases

This screen displays if you signed in to your Google account.

- Enter purchase information for your Google account and touch **Save**.

  – or –

  Touch **Skip**.

### Backup and Restore

This screen also displays if you signed in to your Google account.

1. Read the backup and restore information.
2. Enable either or both options.
3. Touch **Next**.

   The Restoring screen displays while your information is being restored.

### Use Google & location

1. Read the information on the screen and enable either or both of the Google location services.
2. Touch ▶ to continue.

### This Tablet Belongs To ...

To personalize the tablet with your name:

1. Touch the First and Last fields and use the on-screen keyboard to enter you first and last name.
2. Touch ▶.

### Free Dropbox Account

Dropbox is a cloud file storage subscription service. Using a Dropbox account, you can save files and access them with multiple devices from multiple locations.

To get a free 50 GB Dropbox account for two years:

1. Touch **Disclaimer** to read a short disclaimer about this offer.
2. Touch **OK**.
3. Touch **Create a new Dropbox account**, enter the required fields, and touch **Register for Dropbox**.

   – or –

   Touch **I already have an account** to sign in to Dropbox.

   – or –

   Touch **No thanks** to skip this offer.

### Google Services

This screen displays if you did not sign in to your Google account. The use of this device is subject to the privacy policy and other terms.

1. Touch **Learn more** to read the privacy policy and other terms.
2. Touch **Next**, if you agree that your device may receive and install updates from Google.

### Setup Complete

Congratulations! Your tablet is set up and ready to use.

- Touch **Finish**.

  The main Home screen displays.

## Creating a New Google Account

Your new device uses a Google account to fully use its Android features, including Gmail, Maps, Navigation, and Talk.

If you did not create a new account during the setup procedure when you first turned your tablet on, follow these steps:

1. From a Home screen, touch **Apps** ➔ **Gmail**.

   The **Add a Google Account** screen displays.
2. Touch **New** to create a new Google account.

   (For more information, refer to *"Setting Up Your Gmail Account"* on page 74.)

## Retrieving Your Google Account Password

A Google account password is required for Google applications. If you misplace or forget your Google Account password, follow these instructions to retrieve it:

1. From your computer, use an Internet browser to navigate to http://google.com/accounts.
2. Once the web page loads, click on **Can't access your account?** and follow the on-screen instructions.

## Using Google Maps

In order to use some applications related to Google Maps, you must first connect Wi-Fi. (For more information, refer to *"Wi-Fi"* on page 171.)

You must also enable location services to use Google Maps. Some features require Standalone or Google location services. (For more information, refer to *"Location services"* on page 191.)

## Task Manager

Your device can run applications simultaneously and some applications run in the background.

Use Task Manager to see which applications are running on your device and to end running applications to extend battery life. You can also uninstall applications from your device and see how much memory is used by applications.

### *Task manager Screen*

The Task manager screen provides information about **Active applications** and includes a **RAM manager**.

To access the Task manager pop-up:

1. From any screen, touch **Recent Applications**.
2. Touch **Task manager**. The Task manager screen appears.
3. Touch the **Active applications** tab to view applications running on your device.
   - To change the order applications are listed, touch .
   - To stop an active application, touch **End**.
   - To stop all active applications, touch **End all**.
4. Touch the **RAM manager** tab to display the amount of Random Access Memory (RAM) currently in use. Touch **Clear memory** to clear inactive and background processes.
5. Touch in the top right corner to display the **Task manager** pop-up.

### *Task Manager Application*

The Task Manager application provides information about applications, including **Active applications**, **Downloaded**, **RAM manager**, **Storage**, and **Help**.

To access the Task Manager:

1. Access Task Manager from the **Recent Applications** pop-up. (For more information, refer to *"Task manager Screen"* on page 14.)

   – or –

   Add the **Application monitor** widget to a Home screen and then touch it. (For more information, refer to *"Widgets"* on page 41.)

   – or –

   The **Task manager** screen appears.
2. Touch **Active applications** to view applications running on your device. Touch **End** to end an application or **End all** to end all running applications.
3. Touch **Downloaded** to view applications installed from Google Play™ Store. Touch **Uninstall** to remove an application from your device.
4. Touch **RAM manager** to display the amount of Random Access Memory (RAM) currently in use. Touch **Clear memory** to clear inactive and background processes.
5. Touch **Storage** to view internal (Device memory) and external (SD card) storage memory statistics.
6. Touch **Help** to view useful tips for extending battery life.

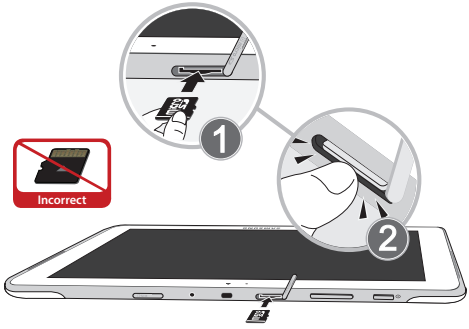
## Memory Card

Your device supports removable microSD™ or microSDHC™ memory cards with maximum capacities of 32 GB (depending on the memory card manufacturer and type). Memory cards are used to store music, photos, videos, and other files.

**Note:** You can only store music files that you own (from a CD or purchased with the device) on a memory card.

## Installing a Memory Card

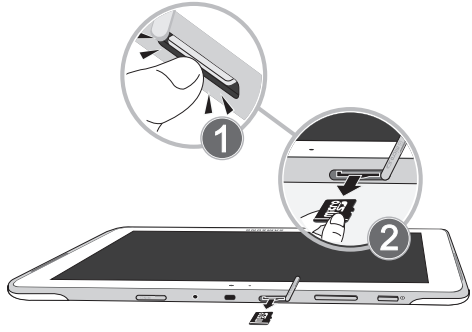
1. Open the Memory Card Slot cover and turn to expose the slot.
2. With the gold contacts facing down, carefully slide the memory card into the slot (1), pushing gently until it clicks into place (2).
3. Replace the Memory Card Slot cover.




## Removing a Memory Card

**Important!** To prevent damage to information stored on the memory card, unmount the card before removing it from the device.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Storage**.
2. Under **SD card**, touch **Unmount SD card**.
3. Open the Memory Card Slot cover and turn to expose the slot.



4. Gently press down on the memory card (1), so that it pops out from the slot, and carefully pull the card out (2).
5. Replace the Memory Card Slot cover.

(For more information, refer to *"Memory Card"* on page 133.)

## Galaxy Tab Accessories

To find accessories for your Galaxy Tab:

1. Go to http://www.samsung.com/us/mobile/galaxy-tab-accessories.

   Galaxy Tab accessories display.
2. Use your model number to find compatible accessories.

## Securing Your Device

By default, the device locks automatically when the screen times out or you can lock it manually. You can unlock the device using one of the default Unlock screens or, for increased security, use a personal screen unlock pattern.

(For more information about creating and enabling a Screen unlock pattern, see *"Lock screen"* on page 192.)

(For other settings related to securing your device, see *"Location services"* on page 191.)

**Note:** Unless stated otherwise, instructions in this User Manual start with the device unlocked, at the Home screen.

### *Locking the device manually*

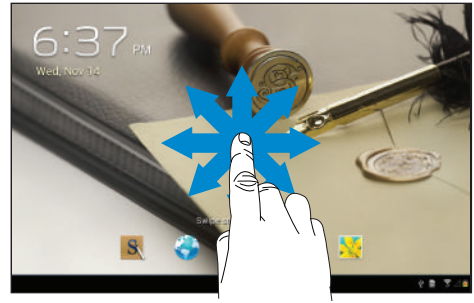
- Press the **Power/Lock Key** .

### *Unlocking the Device*

1. Press the **Power/Lock Key** .

The Lock screen displays.

2. Swipe across the screen as shown.




The last accessed screen displays.

**Tip:** You can launch any of five applications from the Lock screen. Just touch and swipe one of the app shortcut icons to launch its associated application.

You can change your Lock screen settings to enable access to the Popup Note application by using your S Pen. (For more information, refer to *"Lock screen"* on page 192.)

**Note:** You can customize the Lock screen and set the type of Screen Unlock you want to use (Face unlock, Pattern, PIN, or Password).
(For more information, see *"Lock screen"* on page 192 and see *"Security"* on page 194.)

## Troubleshooting

If your device has fatal errors, hangs up, or freezes, you may need to reset the device to regain functionality.

- If your device is frozen and unresponsive, press and hold the **Power/Lock Key** for 8 to 10 seconds.

# Section 2: Understanding Your Device

This section outlines key features of your device and describes the screen and the icons that appear when the device is in use. It also shows how to navigate through the device.

## Features

- 10.1-inch WXGA (1280x800) TFT (PLS) LCD touch screen
- Android™ Version 4.1.2, Jelly Bean
- SAFE™ Certified
- CDMA 1X/EV-DO Rev-A /LTE Wireless Technology
- Bluetooth® 4.0 Wireless technology. For more information, refer to *"Bluetooth"* on page 173
- Built-in Wi-Fi technology (802.11 b/g/n)
- 5 Megapixel camera and camcorder plus 1.9 Megapixel forward-facing VGA camera
- Full integration of Google applications (Gmail, YouTube™, Google Maps™, and Voice Search)
- Messaging Features:
  - Gmail™
  - Email (corporate and personal)
  - Google Talk™ (Instant Messaging and Video Chat)
- Photo Gallery that supports GIF, AGIF, JPEG, PNG, BMP, WBMP, and WEBP formats
- HD Video Player (720p)
  - Codec: MPEG4, H.264, H.263, VC-1, DivX, VP8, WMV7/8, Sorenson Spark
  - Format: 3GP (MP4), WMV (ASF), AVI (DivX), MKV, FLV, WEBM
- DivX Certified® to play DivX® video up to HD 1080p, including premium content
- Supports HDMI/MHL connections to connect electronic devices to high-definition televisions (HDTVs) and displays
- Music player that supports MP3, AAC/AAC+/EAAC+, WMA, OGG (vorbis), FLAC, AC-3 (only with video), and Vorbis formats
- 2GB RAM memory and 16GB on-board memory, which is used for data storage and access
- Support for microSD™ and microSDHC™ Memory Cards

- Preloaded applications such as AllShare Play™, Google Play™ Books, Play Store, Polaris® Office, and Samsung Media Hub. (For more information, refer to *"Applications and Widgets"* on page 135.)

**Warning!** This device does not support some USB storage media devices. (For more information, refer to *"Galaxy Tab Accessories"* on page 17.)

## Front View

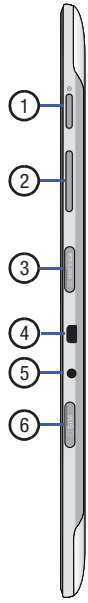
The following items can be found on the front of your device as illustrated.

1. **External Speakers**: Used in music or video playback, notification tones, and for other sounds.
2. **Light Sensor**: Used to control screen brightness automatically and when taking photos with the front-facing Camera.
3. **Front-facing Camera Lens**: Used when taking photos or recording videos.
4. **Display Screen**: The orientation of the display screen rotates with the tablet as you turn it. You can turn this function on or off. (For more information, refer to *"Quick Settings"* on page 36.)

## Top View

The following items can be found on the top of your device as illustrated.

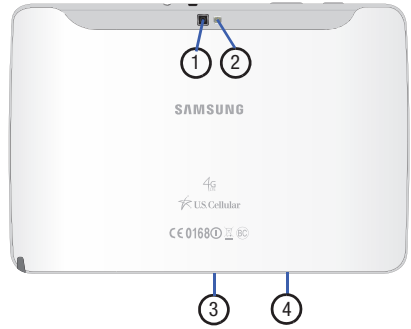
1. **Power/Lock Key**: Press and hold to turn the device on or off. Press to lock the device or to wake the screen for unlocking.
2. **Volume Key**: From a Home screen, press to adjust Master Volume. During music playback, press to adjust volume.
3. **Memory Card Slot**: Install a memory card for storage of files.
4. **Infrared Blaster**: Used to emit infrared signals used for controlling external devices. For more information, refer to *"Smart Remote"* on page 163.
5. **3.5mm Headset Jack**: Plug in for headphones.
6. **SIM Card Port**: Insert your SIM card here.




## Back and Bottom Views

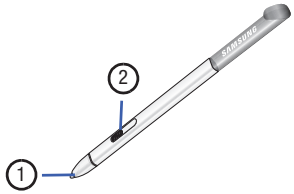
The following items can be found on the back and bottom of your device.

1. **Camera Lens**: Used when taking photos or recording videos.
2. **Flash**: Lets you take pictures and record videos in low light
3. **Charger/Accessory Port**: Plug in a USB cable for charging or to sync music and files.
4. **Microphone**: Used for video chat, S Voice, and so on.



## S Pen

With the S Pen stylus, you can do anything you can do with one finger, only more accurately.




You can also use the S Pen with compatible applications, such as S Note or Photoshop Touch, to do things you cannot do with your finger.

1. **Stylus tip**: Used for touching and dragging accross the screen.
2. **Pen button**: Used to access additional functions for the S Pen. (For more information, refer to *"Using the S Pen"* on page 24.)

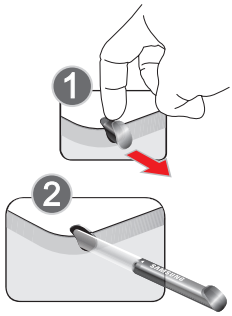
### *Removing the S Pen From Your Tablet*

The S Pen is conveniently stored in your tablet to protect it and to keep it available.

**Tip:** Removing the S Pen awakens your tablet's screen (if dark), unlocks the screen if the lock is set to Swipe, and launches the S Pen App Tray. (For more information, refer to *"S Pen App Tray"* on page 45.)

To remove the S Pen, follow these steps:

1. Locate the S Pen at the lower right corner of the device.
2. Use your fingernail or a sharp object to pull the end of the S Pen out of the device (1).
3. Pull the S Pen out of the device (2).



## *Rich S Pen Functionality*

- **Air View**: Hover the S Pen over the screen to preview information.
- **Effectively express yourself**: Write/Draw directly into an email, or the calendar, annotate Word, Excel, PowerPoint, and PDF documents, capture your ideas in S Note, write a note on the back of the picture.
- **Quick Command**: Launch Quick Command to activate frequently used applications or actions. Press the S Pen button and then drag the S Pen up the screen to display the Quick Command window.
- **Easy Clip**: Instantly outline and crop anything on the screen and freely edit or share with others.

## *Using the S Pen*

There are several different functions you can perform using the S Pen.

### S Pen Screen Operations

The S Pen can be used for various screen operations.

- Touch a command button, such as **Back**, or icons, such as **Apps** or **Email**, with the S Pen instead of your finger. The result is the same at touching the button or icon with your finger.
- To sweep a list or menu, touch and drag the screen up or down.
- To sweep to the next Home screen panel, touch and drag the screen to the left or right.

### Back Function

To move to a previous screen, hold the S Pen button and touch and drag the screen as shown in the illustration below. The previous screen displays.

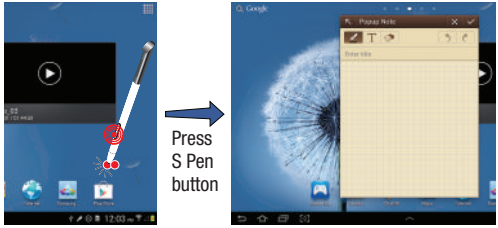
### Menu Button

To display the menu from any screen, hold the S Pen button and touch and drag the screen as shown in the illustration below. The menu displays.

## Launch Popup Note

Popup Note is an application that you can launch from any screen to take quick notes or jot down ideas. To open Popup Note, hold the S Pen button and double-tap the screen.

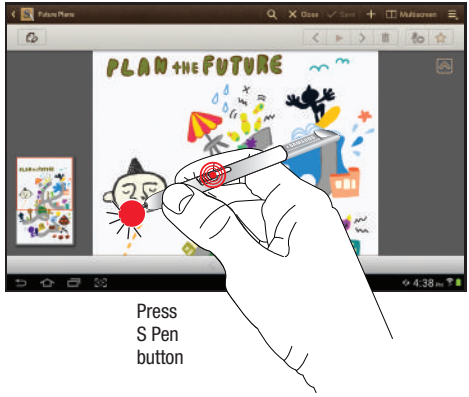
**Tip:** You can also change the Lock screen's settings to let you launch Popup Note from the Lock screen. (For more information, refer to *"Lock screen"* on page 192.)




**Tip:** To take more complex notes, access the full S Note application by touching . (See *"S Note"* on page 160.)

## Screen Capture

To take a screen capture, press and hold the S Pen button and touch and hold the S Pen anywhere on the screen. Files are saved in the **My Files** ➔ **Storage** ➔ **sdcard0** ➔ **Pictures** ➔ **Screenshots** folder. You can also find them in your Gallery in the **Screenshots** album.



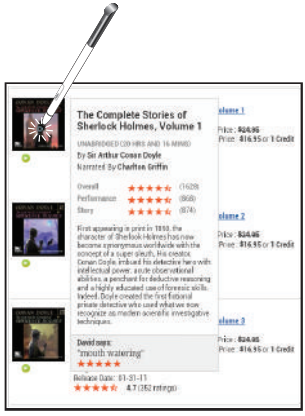
### Write on any Screen after Capture

To write on a screen capture, use the S Pen to draw or write on the image. Files are saved in the **My Files ➔ Storage ➔ sdcard0 ➔ Pictures ➔ Screenshots ➔ IMG_edited** folder.

For information on using your S Pen with the S Note application, see *"S Note"* on page 160.

### *Air view*

When you hold the S Pen near the screen, a pointer appears on the screen. Move the pointer to files, subjects, or options to preview the contents or view information in pop-up windows.


The Complete Stories of Sherlock Holmes, Volume 1
By Sir Arthur Conan Doyle
Narrated By Charlton Griffin
Overall
Performance
Story
First appearing in print in 1890, the character of Sherlock Holmes has now become synonymous worldwide with the concept of a super sleuth, his creator, Conan Doyle, imbued his detective hero with intellectual powers and a close rational abilities, a penchant for deductive reasoning and a highly educated use of forensic skills. Indeed, Doyle created the first fictional private detective who used what we now recognize as modern scientific investigative techniques.
David says:
"mouth watering"
Release Date: 01-31-11
4.7 (352 ratings)

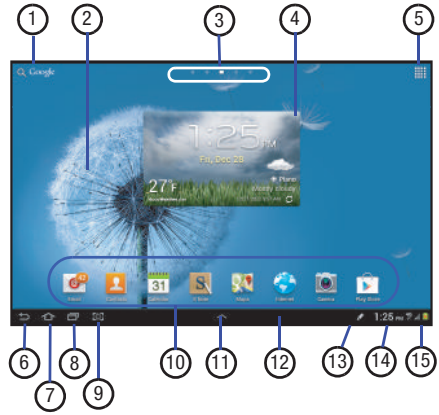
You can scroll through panels or lists by moving the pointer to an edge (top/bottom/left/right) of the screen.

## Home Screen

The Home screen is the starting point for using your tablet.

**Note:** Unless stated otherwise, instructions in this user manual start with the device unlocked, at the Home screen.

1. **Google Search**: Search the web by typing or speaking. (For more information, refer to *"Google"* on page 150.)
2. **Home screen**: The starting point for using your device. Place shortcuts, widgets and other items to customize your device to your needs.
3. **Panel Indicator**: Indicates which Home screen panel is displayed. (For more information, refer to *"Extended Home Screen"* on page 29.)
4. **Widget**: Applications that run on the Home screen panels. (For more information, refer to *"Widgets"* on page 41.)
5. **Apps**: Display the Apps/Widgets screen.
6. **Back**: Return to the previous screen or option.
7. **Home**: Display the central Home screen. Touch and hold to display the Task Manager pop-up.




8. **Recent Apps**: Open a list of thumbnail images of apps you have worked with recently. Touch an App to open it. Touch **Task manager** to display the Task Manager.
9. **Quick Launch**: This soft key can be set to launch several different applications. The default setting is **Screen capture**. (For more information, refer to *"Quick launch"* on page 187.)

10. **App Shortcuts**: Shortcuts to applications. (For more information, refer to *"App Shortcuts"* on page 40.)
11. **Multi window tray**: Shortcuts to apps pop-ups that you can use anytime, such as a Alarm, Calculator, and Calendar. (For more information, refer to *"Multi window tray"* on page 44.)
12. **System Bar**: The area along the bottom of the Home screen where you can find navigation buttons and icons that show notifications, battery power, and connection details.
13. **Notification Icons**: Presents icons to show notifications from the system or from an application. Touch a Notification Icon to display more detail. (For a list of icons, see *"Status Bar"* on page 39.)
14. **Time**: The current time. (For more information, refer to *"Date and time"* on page 213.)
15. **Status Icons**: Indicate the status of your tablet. Touch the Time / Status Icons area to display the Status Details panel. (For more information, refer to *"Status Bar"* on page 39.)

## *Display Settings*

You can customize display screen settings to your preferences. (For more information, refer to *"Display"* on page 185.)

## *Extended Home Screen*

The Home screen consists of the Home panel and four additional panels that extend beyond the display width to provide more space for adding shortcuts and widgets.

Slide your finger left and right across the screen to scroll to other Home screen panels. As you scroll, the indicator at the top of the screen shows the currently displayed Home screen panel.

### Customizing the Home Screen Panels

To customize the Home screen panels to suit your preferences:

1. Navigate to one of the Home screen panels.
2. Touch and hold on the screen until the **Home screen** pop-up appears.
3. To change the Home screen and/or Lock screen wallpaper, touch **Set wallpaper**. (For more information, refer to *"Wallpapers"* on page 43.)

4. Under **Add to Home screen** the following options are available:
   - **Apps and widgets**: Add application shortcuts or widgets to the current Home screen panel.
   - **Folder**: Add a folder to the current Home screen panel. (For more information, refer to *"Folders"* on page 42.)
   - **Page**: Add a Home screen panel. (For more information, refer to *"Adding Home Screen Panels"* on page 30.)

**Note:** The center panel displays when you touch **Home**.

## Adding Home Screen Panels

Your device comes with five active Home screen panels. You can add panels to a maximum of 7.

**Note:** Home screen panel 3, by default the center panel, displays when you touch **Home**.

1. Touch and hold on a Home screen panel until the **Home screen** pop-up displays. Under **Add to Home screen**, touch **Page**.

   – or –

   From a Home screen panel, pinch the screen from the left and right side to the center to display the editing screen. Then touch on a panel to add (enable) it.

### Removing Home Screen Panels

You can remove (disable) Home screen panels you aren't using.

1. From a Home screen panel, pinch the screen from the left and right side to the center to display the editing screen.
2. To remove (disable) a Home screen panel, touch the unwanted panel and drag it over the **Remove** icon. The contents of the selected panel are erased and replaced with .
3. Touch **Back** to return to the Home screen.

### Rearranging Home Screen Panels

You can change the order the Home screen panels appear when you swipe across the home screen.

1. From a Home screen panel, pinch the screen from the left and right side to the center to display the editing screen.
2. To rearrange the order of panels, touch and drag a panel to a new location.
3. Touch **Back** to return to the Home screen.

### Selecting a New Home Screen

You can change which Home screen panel appears you touch **Home**.

1. From a Home screen panel, pinch the screen from the left and right side to the center to display the editing screen.
2. To select a new Home screen, touch in the upper right corner of the desired panel.
3. Touch **Back** to return to your new Home screen.

## Navigating Your Device

Use command buttons and the touch screen to navigate.

### *Command Buttons*

#### Back

Touch **Back** to return to the previous screen, option, or step.

**Note:** When the on-screen keyboard is active, **Close Keyboard** replaces **Back**.

#### Home

Touch **Home** to return to the Home screen.

#### Recent Apps

Touch **Recent Apps** to open a list of thumbnail images of apps you have worked with recently. Touch an App to open it.

Touch **Delete all** to clear all thumbnail images.

Touch **Task manager** to display the Task Manager.

#### Screen Capture

1. Touch **Screen Capture** to capture and add an image of the current screen to the clipboard.
2. Touch and hold **Screen Capture** to capture an image of the current screen and edit the image, then touch **Save** to save the image.

**Note:** A copy of the screenshot is automatically saved to the clipboard.

**To view the screen shots:**

1. From a Home screen, touch **Apps** → **My Files**.
2. Touch **sdcard0** → **Pictures** → **Screenshots**.
3. Touch a screen capture file to display it.

**Note:** This soft key can be modified to launch other applications. (For more information, refer to *"Quick launch"* on page 187.)

## *Other Buttons*

### Google Search

Touch **Google** to search the web or your device.

### Context-Sensitive Menus

Context-sensitive menus offer options for features or screens. To access context-sensitive menus:

- Touch **Menu** to display a list of options.
- Touch an option in the list.

### Application Bar

The Application Bar is the area along the top of various application screens. It usually contains Search and Menu buttons, as well as other buttons that are used to display options and settings.

## *Screen Navigation*

### Touch

Touch items to select or launch them. For example:

- Touch the on-screen keyboard to enter characters or text.
- Touch a menu item to select it.
- Touch an application icon to launch the related application.

### Touch and Hold

Activate on-screen items. For example:

- Touch and hold a widget on the home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

### Swipe, Flick, or Slide

Swipe, flick, or slide your finger vertically or horizontally across the screen. For example:

- Unlocking the screen.
- Scrolling the Home screens or a menu.

### Pinch

Use two fingers, such as your index finger and thumb, to make an inward pinch motion on the screen, as if you are picking something up, or an outward motion by sweeping your fingers out.

For example, pinch a photo in the **Gallery** app or a web page in the **Internet** app to zoom in or out.

## *Using Motions*

By activating the various gesture features within the Motion Settings menu, you can access a variety of time saving functions.

**To activate motion:**

1. From the Home screen, touch the Time / Status Icons area to display the Status Details panel. (For more information, refer to *"Status Bar"* on page 39.)
2. Touch **Settings** ➔ **Motion**.
3. Touch the ON/OFF slider located at the top of the screen to activate motion.
4. Touch the check box located to the right of each motion option you wish to activate. A check mark will appear.

The following is a description of the available gestures:

- **Tilt to zoom**: Once enabled, you must be on a screen where content can be zoomed.
  - In a single motion, touch and hold two points on the display.
  - Tilt the tilt the device back and forth to zoom in or out.
- **Pan to move icon**: Once enabled, you must be on a Home screen panel.
  - Touch and hold a desired application shortcut icon or widget on the screen until it detaches.
  - Move the device left or right to migrate it to a new location.
- **Pan to browse images**: Once enabled,
  - Touch and hold a desired on-screen image to pan around it.
  - Move the device left or right to pan vertically.
  - Move the device up and down to pan horizontally around the large on-screen image.

## Notifications

When you receive a notification, the Notification icon displays in the System Bar, to the left of the Time. Notifications indicate the arrival of Gmail, Email, alarms, and more.

- For more detail, touch a Notification icon.

  For example, touch a Gmail Notification icon to see who sent the message.

- To open the Notifications list to view all of your current notifications, touch the Time field.
  - To display a Notification in the list, touch the item.
    For example, touch a Gmail entry to open the Gmail application and view the message.

Most apps that send notifications, such as Email and Gmail, have individual settings that can be configured. See the settings for individual applications in the applicable section of this user manual.

## Status Details

To display the current date and time, battery status, and Wi-Fi connectivity status, open Status Details.

1. Touch the Time in the Status Bar.

   The Status Details display. If you have any current notifications, their summaries are listed below the Notifications title.

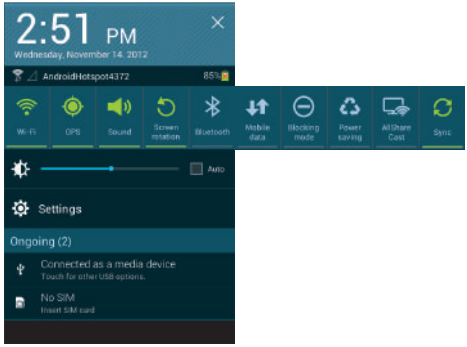
2. Touch a notification summary to respond to it.
3. Touch outside the Status Details screen to close the window.

## Quick Settings

To view and control the most common settings for your tablet, as well as accessing the complete Settings application, open the Quick Settings panel.

1. Touch the Time in the System Bar.

   The Quick Settings pop-up displays.




2. Touch the time at the top of the pop-up to display a Date and time pop-up. The following options are available:
   - Touch **Automatic date and time** or **Automatic time zone** to use network-provided date and time or time zone.
   - Touch **Use 24-hour format** to enable the 24-hour format.
   - Touch **Manual setup** to display the Date & time settings screen. (For more information, refer to *"Date and time"* on page 213.)
3. The Quick Settings are:
   - **Wi-Fi**: Touch to enable or disable Wi-Fi. (For more information, refer to *"Wi-Fi"* on page 120.)
   - **GPS**: Touch to enable or disable Standalone GPS services. (For more information, refer to *"Location services"* on page 191.)
   - **Sound** / **Vibrate** / **Mute**: Touch to enable or disable sound mode.
   - **Screen rotation**: When On the screen rotates automatically from landscape to portrait and vice versa. When Off the screen is fixed in the current mode, either portrait or landscape. (For more information, refer to *"Quick Settings"* on page 36.)

- **Bluetooth**: Touch to enable or disable Bluetooth. (For more information, refer to *"Bluetooth"* on page 123.)

Sweep the pop-up to the left to see additional settings.

- **Mobile data**: Disables mobile data so you can no longer use applications such as Browser, Email, and YouTube using a mobile network.
- **Blocking mode**: When enabled, Blocking mode disables notifications for selected features. (For more information, refer to *"Blocking Mode"* on page 182.)
- **Power saving**: When enabled, your device automatically analyzes the screen and adjusts the brightness to conserve battery power. (For more information, refer to *"Power saving mode"* on page 188.)
- **AllShare Cast**: When enabled, AllShare Cast lets your device share the contents of its display with other Digital Living Network Alliance (DLNA) certified devices, such as Smart televisions. (For more information, refer to *"AllShare Cast"* on page 129.)
- **Sync**: Synchronizes your device with the network. Synchronizes contacts, email, time, and a variety of accounts.

These additional options are available:

- **Brightness**: Touch and drag the slider to set the brightness or touch **Auto** to allow the device to set brightness automatically based on available light and battery charge status. (For more information, refer to *"Brightness"* on page 186.)
- **Settings**: Touch to open the Settings application. (For more information, refer to *"Settings"* on page 170.)
- **Notifications**: Displays system notifications. (For more information, refer to *"Notifications"* on page 35.)

4. Touch **Clear** to remove Notification Icons from the System Bar.
5. Touch a notification entry to display the details.
6. Close the Quick Settings by touching **X** in the upper, right corner of the Quick Settings pop-up or by touching outside the Quick Settings screen.

### *Notifications*

Quick Settings also displays icons under the **Notifications** heading to alert you to activity on the tablet such as new messages, application downloads, software updates, and more. The following table lists those icons.

**Download Successful**: A recent application download or update completed successfully.

**New Email Message**: You have new email. Touch Reply to view and answer the email.

**New Gmail Message**: You have new Gmail. Touch the icon for additional information.

**Google Talk Invitation**: Someone has invited you to chat using Google Talk.

**Wi-Fi networks available**: An open Wi-Fi network is in range.

**Wi-Fi Connected**: Your device is connected to a Wi-Fi network.

**Samsung account**: Set up your Samsung account. (For more information, refer to *"Samsung Account"* on page 10.)

**Software update**: There is a software update available for this device.

**Updates Available**: Updates to the applications you have downloaded are available.

**SIM Installed**: A SIM card is installed in your tablet.

**No SIM**: A SIM card has not been installed in your tablet.

## Status Bar

The Status Bar is part of the System Bar and displays icons to show network status, battery power, and other details.

**Battery Fully Charged**: Appears when the battery is fully charged.

**Battery Level**: Shown fully charged.

**Charging Indicator**: Battery is charging.

**Device Power Critical**: Battery has only three percent power remaining. At about 15 percent power remaining, a popup is displayed to remind you to charge immediately.

**USB Connection Indicator**: The device is connected to a computer using a USB cable, but it is not charging. The battery is only charged while connected to a computer, if the device is turned off. When the device is off, press the Power/Lock key to see the battery charging indicator.

**Download in progress**: An application is being downloaded to the device.

**Airplane Mode**: Indicates that the Airplane Mode is active, which allows you to use many of your device's features, but it cannot access online information or applications.

**Set up input methods**: When the keyboard is being displayed, touch this icon to display a menu of quick keyboard settings.

**S Pen Active**: Appears when you remove the S Pen from its socket on the right side, bottom, rear of your tablet.

**Bluetooth Active**: Bluetooth is turned on. (For more information, refer to *"Bluetooth"* on page 123.)

**Bluetooth Connected**: Your device is connected to a Bluetooth device.

**Wi-Fi Active**: Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

**Signal Strength**: Displays your current signal strength. The greater the number of bars, the stronger the signal.

**GPS Active**: Displays when GPS is active.

**Alarm Set**: Displays when you set an alarm to ring at a specified time. (For more information, refer to *"Alarm"* on page 138.)

**Event**: This is a notification for one or more events. (For more information, refer to *"Creating an Event or Task"* on page 144.)

**Screenshot Captured**: A screenshot has been captured. (For more information, refer to *"Screen Capture"* on page 32.)

**Nearby Devices**: The Nearby devices setting is enabled. (For more information, refer to *"Nearby devices"* on page 181.)

## App Shortcuts

Use App Shortcuts for quick access to applications or features, such as Email or Camera.

1. Navigate to the Home screen on which you want to place the App Shortcut.
2. Touch **Apps**.

   – or –

   Touch and hold on the screen until the **Home screen** options pop-up displays.

   Under **Add to Home screen** touch **Apps and widgets**.
3. Touch the **Apps** tab.
4. Touch and hold the application icon, then slide your finger where you want to place the icon and release it.

   (For a list of applications, see *"Apps Screen"* on page 135.)
5. Touch and hold the App Shortcut and then drag the application icon to reposition it on the Home screen.

### *Removing App Shortcuts*

- Touch and hold the App Shortcut until **Remove** displays at the top of the screen, then drag the App Shortcut to the **Remove** icon.

## Widgets

When you first turn on your tablet, there are various widgets on the center Home screen. They can also appear on the Home screens to the left and right of the center Home screen.

Widgets are self-contained applications that you can place on the Home screens to access your favorite features.

### *Adding Widgets to a Home screen*

1. Navigate to the Home screen panel on which you want to place the Widget.
2. From that Home screen panel, touch **Apps**.

   – or –

   Touch and hold on the Home screen panel until the **Home screen** options pop-up displays.

   Under **Add to Home screen** touch **Apps and widgets**.
3. Touch the **Widgets** tab.

**Note:** Swipe across the screen horizontally to view all Widgets.

4. Touch and hold the Widget's icon, then slide your finger where you want to place the icon and release it.

**Note:** There must be room on the screen where you want to place the widget, otherwise the widget will not add to the Home screen.

5. Touch **Back** to return to the Home screen.

### *Removing Widgets*

- Touch and hold the Widget until the **Remove** icon displays at the top of the screen, then drag the Widget and drop it over the **Remove** icon.

## Folders

Place Folders on the Home screen to organize items together on the Home screen.

### *Adding Folders*

To create a folder on a Home page:

1. Navigate to the desired Home screen.
2. Touch and hold on the screen until the **Home screen** pop-up displays.
3. Under **Add to Home screen** touch **Folder**.

   A new folder displays on the Home screen.

### *Managing Folders*

To name a folder:

- Touch the folder, touch the **Unnamed folder** field, and use the keyboard to enter a name for the folder.

To add an App shortcut to a folder:

1. Add the App shortcut to the Home screen that the folder is on.
2. Touch and hold the App shortcut, drag it to the folder, and drop it.

To remove an App shortcut from a folder:

1. Touch the folder to view the contents.
2. Touch the App shortcut, drag it out of the folder, and drop it on the Home screen.

### *Removing a Folder*

- Touch and hold the folder until the **Remove** icon displays, then drag the folder toward the top of the screen and drop it over the **Remove** icon.

---

**Note:** Any App shortcuts in the folder are deleted.

---

## Wallpapers

You can choose a picture to display on the Home Screen, Lock screen, or on both the Home and Lock screens. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

1. From a Home screen, touch and hold on the screen.

   The **Home screen** options pop-up displays.

2. Touch **Set wallpaper**.

   The Set wallpaper for pop-up displays.

3. Touch **Home screen**, **Lock screen**, or **Home and lock screens**.

   The **Select wallpaper from** pop-up displays the following options:

   - **Gallery**: Access the Gallery to select a photo. Touch a photo to select it. Crop and resize the picture, if desired. Touch **Done** to save the picture as wallpaper. Touch **Cancel** to cancel.
   - **Live wallpapers**: Choose from pre-loaded interactive animated wallpapers. Touch a wallpaper to see an example. If available, touch **Settings** to view options for the selection. Touch **Set wallpaper** to save your choice. Touch **Back** to return to the Live wallpapers menu.
   - **Wallpapers**: Choose from pre-loaded wallpaper images. Touch an image to view it. Touch **Set wallpaper** to save it as wallpaper. Touch **Back** to return to the Home screen.

**Note:** Live wallpapers is not available for the Lock screen.

## Multi window tray

There are shortcuts available that link to apps that you might need while working in other apps, such as Alarm, Calculator, Calendar, Email, Music Player, and World Clock. In some cases, these shortcuts are actually links to the part of the app you need most and they contain a link to the actual app where you can use other functions.

1. From any screen, touch **Multi window tray** at the bottom, center of the screen.

   The Multi window tray icons appear.

2. Touch one of the icons to display a miniature application pop-up.

   The pop-up varies depending on the application. Various controls display at the top of the pop-up and other information is displayed in the body of the pop-up.

3. Touch options (such as ) to create new app items (such as alarms or events).
4. Touch items in the body of the pop-up, such as an email entry or keys on the Calculator.
5. Touch to close the Multi window tray.
6. Touch **Edit** at the right side of the tray to customize the Multi window tray. (For more information, refer to *"Customizing the Multi window tray"* on page 45.)

### *Customizing the Multi window tray*

You can choose which applications appears in the Multi window tray and arrange them in any order.

1. From any screen, touch **Multi window tray** at the bottom, center of the screen. The Multi window tray pops up at the bottom of the screen.
2. Touch **Edit** at the right side of the tray.
3. To remove an app from the Multi window tray, touch the app icon. The icon disappears from the Multi window tray and "jumps" to the Multi window tray applications list.
4. To change the location of an app icon in the Multi window tray, touch and drag the icon to another position in the tray.
5. Touch **Done** to save your changes.

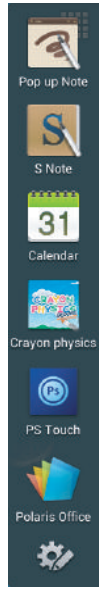
## S Pen App Tray

The S Pen App Tray gives you quick access to the S Pen-enabled applications on your tablet.

1. Remove the S Pen from its storage slot at the bottom right side of your tablet.

   The S Pen App Tray opens from the right side of the display, with the following applications available:

   - **Popup Note**: Handwrite, draw, save, and share quick memos.
   - **S Note**: Create notes with productivity tools that turn handwriting into typed text and correct drawn shapes, lines, and formulas to make them perfect. (For more information, refer to *"S Note"* on page 160.)
   - **Calendar**: Record events and appointments to manage your schedule. A shortcut to Calendar displays on a Home screen by default. (For more information, refer to *"Calendar"* on page 143.)



- **Crayon physics**: Your drawings are transformed into physical objects in a game in which you solve puzzles with your artistic vision and creative use of physics.
- **PS** (Photoshop) **Touch**: Combine images, apply effects, and share your results with friends and family through social networking sites.
- **Polaris Office**: Manage your Office documents online or offline. (For more information, refer to *"Polaris Office"* on page 159.)
- **S Pen Settings**: Tailor your tablet's responses to your use of the S Pen, such as, when you remove the S Pen from its slot, whether to play sounds and what action to take or app to launch. (For more information, refer to *"S Pen"* on page 212.)

2. To launch an app in the S Pen App Tray, touch the app's icon with your S Pen. The selected app's pop-up appears, and the S Pen App Tray closes.

### *Restoring the S Pen App Tray*

1. Touch the time display at the bottom right side of the display. The Notifications panel appears.
2. Touch **S Pen has been removed**. The S Pen App Tray opens from the right side of the display.

# Section 3: Entering Text

This section describes how to enter words, letters, punctuation, and numbers when you need to enter text.

## QWERTY Keyboard

By default, your tablet provides an on-screen QWERTY keyboard for text entry called the *Samsung keyboard*. You can use the Samsung keyboard to enter letters, punctuation, numbers, and other characters into text-entry fields or applications. You access the keyboard by touching any text-entry field.

The keyboard displays at the bottom of the screen. By default, when you rotate the device, the screen orientation updates to display the keyboard at the bottom of the screen.

## Text Input Methods

Your device offers three text input methods.

- **Google voice typing**: You can use your voice to enter text using the Voice input feature. Your device recognizes your speech and enters text for you. (For more information, refer to *"Using Speech Recognition"* on page 55.)
- **Samsung keyboard**: The Samsung keyboard is an on-screen QWERTY keyboard that lets you enter text by touching keys on the screen. The Samsung keyboard includes Predictive text, which matches your key touches to common words so that you can select the word to enter it into your text.
- **Swype**: Swype is an on-screen virtual QWERTY keyboard that lets you enter text by tracing over each letter of a word.

### *Changing the Input Method*

When entering text, you can select the text input method.

1. Touch **Set up input methods** in the Status bar.

   The **Set up input methods** pop-up appears.
2. Touch an input method to activate it.
3. Touch to display an input method's settings.

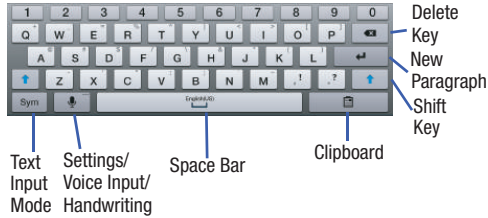
(For more information, refer to *"Keyboards and input methods"* on page 196.)

## Using the Samsung Keyboard

The Samsung keyboard is a custom on-screen QWERTY keyboard, featuring Predictive text. Input characters by touching the on-screen keys with your finger or use speech recognition.

As you enter characters, Predictive text matches your key touches to common words and displays them. Select a word from the display to insert it into your text. (For more information, refer to *"Using Predictive text"* on page 50).

Your tablet also provides speech recognition and handwriting recognition to make the task of text entry that much easier. (For more information, refer to *"Using Speech Recognition"* on page 55 and *"Using the Handwriting Feature"* on page 54.)




### *Configuring the Keyboard*

To configure the Samsung keyboard to your preferences:

- Touch **Set up input methods** in the Status bar and then touch next to **Samsung keyboard** in the **Set up input methods** pop-up.

  – or –

  Touch and hold **Voice Recognition/Options** on the keyboard and slide to **Settings**.

  The Samsung keyboard settings screen displays.

(For more information, refer to *"Keyboards and input methods"* on page 196.)

### Entering Upper and Lower Case Letters

The default case is lower case (abc). Enter upper and lower case alphabet letters by touching the Shift key to toggle the case, before touching the letter key(s).

- Touch once to switch from abc mode to Abc mode.
- Touch twice to switch from  abc mode to  ABC mode.

  When ABC mode is enabled, the Shift key background turns blue.

### Entering Symbols and Numbers

The number keys are displayed at the top of the keyboard and are always available.

To enter common symbols, touch Sym to switch to Symbols mode, then touch the corresponding key.

There are two pages of symbols. Touch 1/2 to switch to the next page.

Touch and hold a vowel key (A, E, I, O, U, or Y) or the C, N, or S key to open a small window where you can chose an accented vowel or other alternate letter. Slide to the letter until it is highlighted, and release.

Touch and hold the Period key ( . ) to open a small window with a set of common symbols. Slide to the desired symbol until it is highlighted, and release.

### Other Keyboard Functions

The current Samsung keyboard input language displays on the space bar. To change the input language:

- Touch **Set up input methods** in the Status bar. The **Set up input methods** pop-up appears.
- Touch **Settings** next to **Samsung keyboard**.
- Touch **Input languages** and select the desired input language.

Touch and hold **Voice Recognition/Options** and slide to **Handwriting** to use the Handwriting feature. (For more information, refer to *"Using the Handwriting Feature"* on page 54.)

Touch **Clipboard** to view the clipboard and manage saved text and images.

### *Using Predictive text*

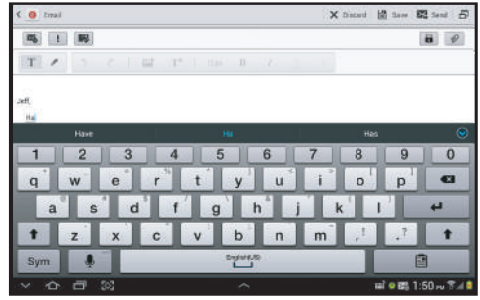
The Predictive text system has next-letter prediction and regional error correction, which compensates for users pressing the wrong keys on QWERTY keyboards.

1. While in a text input field, touch **Set up input methods** in the Status bar.

   The **Set up input methods** pop-up appears.
2. Touch next to **Samsung keyboard** to display the **Samsung keyboard settings** screen.
3. Touch **Predictive text** OFF to turn Predictive text ON **ON**.

   Touch the **Predictive text** tab to modify associated settings. (For more information, refer to *"Keyboards and input methods"* on page 196.)
4. Return to the text entry screen by pressing Back.
5. Begin typing a word.

   A list of word options displays.




6. Touch to display more words.
7. Continue typing your message. Predictive text can be used in portrait or landscape mode.

## *Editing Text*

You can edit the text you enter in text fields by cutting, copying, or pasting text. These operations can be performed within and across apps. However, some apps do not support editing some or all of the text displayed, while others may offer their own way to select text.

### Editing Existing Text

To edit text that you have entered:

1. Touch the text at the point you want to edit.
   The **Cursor** displays at the point you touched.
2. Touch and drag the **Cursor** to a better position, if necessary.
3. Enter additional text or delete text by repeatedly touching the **Delete** key.

### Copying, Deleting, or Replacing Text

To select and copy, delete, or replace text:

1. Touch and hold the text or word you want to select.
   The selected text is highlighted with a tab at each end of the text selection.
2. Touch and drag either tab to select more or less text.

---

**Tip:** Touch **Select all** in the Application bar to select all text in the field. Touch on another area of the screen or touch **Done** to deselect the text.

---

3. Depending on the action you want to take for the selected text, in the Application bar touch:
   - **Select all** to highlight all text in the field.
   - **Cut** to remove the selected text.
   - **Copy** to save the selected text to the clipboard.

   – or –

   Enter text by typing, handwriting, or speaking to replace the selection with what you type.

   – or –

   Touch the **Delete** key to delete the selected text.

### Pasting Text

To paste previously copied text:

1. Touch the text at the point you want to paste the copied text.

   The **Cursor** displays at the point you touched.
2. Touch the Cursor.

   A pop-up displays.
3. Touch **Paste** in the pop-up.

To paste text directly from the clipboard:

1. Touch **Clipboard** to display the text saved to the clipboard.
2. Touch a text block to paste that text where the **Cursor** is positioned.

### *Closing the Keyboard*

To close the keyboard:

- Touch **Close Keyboard** on the bottom left corner of the screen.

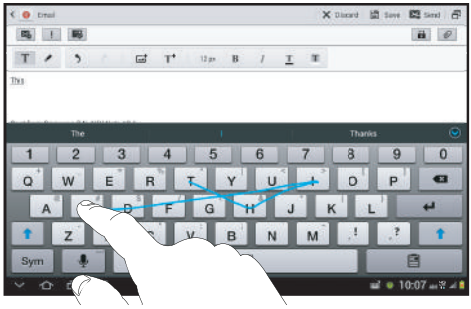
### *Using Continuous input*

T9 Trace allows you to enter words by gliding your finger over the virtual QWERTY keypad, lifting your finger between words.

1. Touch and hold **Voice Recognition/Options** on the keyboard and slide to **Settings**.
2. Touch **Continuous input** to enable the option.

   When enabled, a check mark appears in the check box.

Put your finger down on the “t” and, without lifting, glide it to the “h”, then to the “i”, then over to the “s”.




**Here are a few tips to get you started:**

- **Auto-spacing**: When you finish a word, just lift your finger and start the next word.
- **Double letters**: Just “scribble” on the key.
- **Auto-capitalization**: Continuous input recognizes and capitalizes the first word of sentences. If you want to capitalize a word that is not at the beginning of a sentence, touch the Shift key and then glide over the letters in the word.
- **Contractions**: Continuous input recognizes most words that include an apostrophe, just swipe the letters of the word, including the apostrophe.
- **Punctuation**: Touch and hold a key to view a punctuation menu and make a selection.
- **Error correction**: If you make a mistake, double-tap on the word you want to change and then glide over the letters of the correct word.

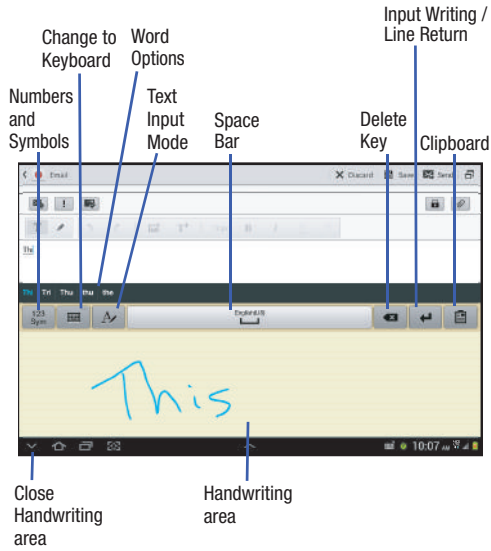
## *Using the Handwriting Feature*

You can enter text simply by using your finger to handwrite letters on your screen.

1. Touch and hold **Voice Recognition/Options** and slide to **Handwriting**.
   The handwriting pad displays.
2. Use the S Pen or your finger tip to write out each character.

**Note:** To properly recognize the written characters and to prevent scratching of the display, do not use script.

As you write, suggestions are offered in the word options area in case the correct letters were not recognized.



### Handwriting Tips

- For uppercase letters, write capital letters instead of lowercase letters.
- Write a dash (horizontal line) to add a space.
- Delete words by sweeping backward across them.
- To enter numbers and symbols, touch , then use the S Pen or your finger tip to write the desired numbers and symbols.
- To select numbers and symbols, touch , then touch a number or symbol key. To see more symbols and emoticons, touch . Touch to close the numbers and symbols pop-up.
- To return to the Samsung keyboard, touch **Keyboard**.

### Handwriting Settings

To change the Handwriting settings:

1. Touch **Set up input methods** in the Status bar.
   The **Set up input methods** pop-up appears.
2. Touch next to **Samsung keyboard** to display the **Samsung keyboard settings** screen.
3. Touch **Handwriting**. The Handwriting options appear. (For more information, refer to *"Keyboards and input methods"* on page 196.)

## Using Speech Recognition

You can use your voice to enter text using the Voice input feature, which lets you enter text by speaking. The Samsung keyboard recognizes your speech and enters text for you.

1. Touch **Set up input methods** in the Status bar and then touch **Google voice typing** in the **Set up input methods** pop-up to enable **Voice Input**.

   – or –

   Touch **Voice Recognition/Options**.

   (For more information, refer to *"Speech"* on page 200.)
2. At the **Speak now** prompt, speak clearly and distinctly into the microphone.

   The software converts your voice to text, which is displayed in the message.
3. Keep speaking to add more text.
4. Touch to display the Samsung keyboard.

**Note:** The Speech Recognition feature works best when you break your message down into smaller segments.

# Section 4: Contacts and Accounts

This section explains how to manage contacts and accounts.

## Accounts

Your device can synchronize with a variety of accounts. With synchronization, information on your device is updated with any information that changes in your accounts.

- **Samsung account**: Add your Samsung account. (See *"Samsung Account"* on page 10.)
- **ChatON account**: Add your ChatON account to sync Contacts.
- **Dropbox account**: Add your ChatON account to store files.
- **Email account(s)**: Add an Email account to sync Contacts. (See *"Email"* on page 68.)
- **Facebook account**: Add your Facebook account to sync Contacts.
- **Google account(s)**: Add your Google account to sync your Contacts, Calendar, and Gmail. (See *"Gmail"* on page 74.)
- **LDAP account**: Add an LDAP (Lightweight Directory Access Protocol) account to find entries on an LDAP directory server.
- **Microsoft Exchange ActiveSync account(s)**: Add your Exchange account to sync Contacts, Calendar, and Email.

### *Setting Up Your Accounts*

Set up and manage your synchronized accounts with the **Accounts and sync** setting.

1. From a Home screen, touch **Apps** ➔ **Settings**. The **Settings** menu appears.
2. Under **Accounts**, touch **Add account**.
3. In the **Add account** pop-up, select the account type.
4. Follow the prompts to enter your account credentials to complete the set-up process.
5. Your tablet communicates with account servers to set up your account. When complete, your account appears in the **Settings** menu, under **Accounts**.

## Contacts

Store contact information for your friends, family, and colleagues to quickly access information or to send a message.

**Tip:** Contacts displays by default as a Primary shortcut on a Home screen.

To access Contacts:

- From a Home screen, touch **Contacts**.

  – or –

  From a Home screen, touch **Apps** ➔ **Contacts**.

### *Creating Contacts*

1. From a Home screen, touch **Contacts** ➔ .
2. Touch **Device** or an account.
3. Touch the Photo ID to set up a photo to identify the contact.
   - **Image:** Choose an image from the Gallery or other folder.
   - **Take picture**: Display the Camera and take a photo of the contact.
   - **S Note**: Use S Note to create or select an image in a note.
   - **Tagged picture**: Add a name to each face in a selected photo.
4. Touch contact fields to display the keyboard and enter information:

**Tip:** Touch the screen and swipe up or down to display additional fields or touch **Next** on the keyboard to move to the next field.

   - **Name**: Enter a first name for the contact. Touch to enter a **Name prefix**, **First name**, **Middle name**, **Last name**, and **Name suffix**.

- **Phone**: Enter a telephone number, then touch the Label tab to choose a label from **Mobile**, **Home**, **Work**, **Work Fax**, **Home Fax**, **Pager**, **Other**, **Custom**, or **Callback**.

5. Touch **Add another field** to add these additional fields: **Phonetic name**, **Organization**, **Email**, **IM**, **Address**, **Notes**, **Nickname, Website**, **Events**, and **Relationship**.
6. When you finish entering information, touch **Save**.

   – or –

   Touch **Cancel** ➔ **OK** to cancel and discard changes.

**Tip:** Display a contact's record and touch the **Email** field to send an email, touch the **Address** field to display the address on a map, or touch the **Website** field to link to the website.

### Updating Contacts

To update an existing contact:

1. From a Home screen, touch **Contacts**.
2. Touch a contact in the Contacts list to view its information.
3. Touch **Edit**.
4. Enter or change contact information. (For more information, refer to *"Creating Contacts"* on page 57.)

### Deleting Contacts

To delete a contact:

1. From a Home screen, touch **Contacts**.
2. Touch a contact in the **Contacts** list to view its information, and then touch **Delete**. At the prompt, touch **OK**.

### Merge Contacts with Google

You can merge a current contact with your Google account contacts.

1. From a Home screen, touch **Contacts**.
2. Touch **Menu** ➔ **Merge with Google**.
3. Touch **OK** at the prompt to merge this contact with your Google account.

### Send email from Contacts

To send an email to one or more contacts:

1. From a Home screen, touch **Contacts**.
2. Touch **Menu** ➔ **Send email**.
3. Touch each contact you want to send an email message or touch **Select all**. A check mark indicates contact selection.
4. Touch **Done**.
5. In the Complete action using pop-up, touch **Gmail** or **Email**.
6. Touch **Always** if you want the same selection each time.
7. Compose your email, then touch **Send**.(For more information, refer to *"Composing and Sending Email"* on page 72.)

### Managing Photo IDs

To remove or update a contact's Photo ID:

1. From a Home screen, touch **Contacts**.
2. Touch **Edit**.
3. Touch the **Contact photo**, then touch **Remove**, **Image**, **Take Picture**, **S Note**, or **Tagged picture**.

### Contacts Display Options

There are various ways to display your Contacts and general Contacts settings.

1. From a Home screen, touch **Contacts**.
2. Touch **Groups**, **Favorites**, or **Contacts**, above the Contacts List, to select how the Contacts are listed:
   - **Groups**: Displays the possible Groups, such as Not assigned, Co-workers, Family, Friends, and so on. The number of contacts in the group is displayed next to the group name. Touch a group name to show only contacts in that group. (For more information, refer to *"Creating a New Group"* on page 64.)
   - **Favorites**: Show only your favorite, or starred, contacts. (For more information, refer to *"Favorites"* on page 66.)
   - **Contacts**: Show all your contacts. Touch the **Search** field and enter a keyword to list contacts that contain that keyword.

3. From the **Contacts** list, touch **Menu** to display all or some of these options:
   - **Delete contacts**. Touch and check mark the box next to each contact you want to delete. Touch **Delete** and then touch **OK**.
   - **Merge with Samsung**: Merges the current contact with your Samsung account contacts.
   - **Merge with Google**: Merges the current contact with your Google account contacts.
   - **Send email**: Sends an email to the selected contact.
   - **History**: Displays information about the selected contact.
   - **Join contact:** Join a contact to one or more other contacts. (For more information, refer to *"Joining Contacts"* on page 61.)
   - **Mark as default**: If a contact has multiple email addresses, for example, touch the field that should be the default value.
   - **Share namecard via**: Share the selected namecard using Bluetooth, ChatON, Email, Gmail, or through Wi-Fi Direct.
   - **Print contact info**: Check mark the fields you want to print and then touch **Done**. You can only print on a Samsung printer.
   - **Add shortcut to home**: Add a shortcut to this contact to the Home screen.
   - **Contacts to display**: Select the contacts you want to display in this inbox (All contacts, Google, SIM, Device, or Customized list).
   - **Import/Export**: Use the USB cable to import your contacts from, or export your contacts to your tablet's USB storage , or to an optional microSD card. (For more information, refer to *"Importing and Exporting Contacts"* on page 63.)
   - **Accounts**: Displays the **Sync settings** pop-up so you can manage synchronization settings for your account(s).
   - **Settings**: Configure contact settings:
     - **Only contacts with phones**: Touch to check the box to only display contacts that have phone numbers.
     - **List by**: List contacts by **First name** or **Last name**.
     - **Display contacts by**: Display contact names as **First name first** or **Last name first**.
     - **Contact sharing settings**: Sets parameters for sending contact information:
       - **Send all namecards**: Allows you to transmit all of your current Contact entries at one time. If the recipient device does not support this feature, some or all Contact entries might not be received.

- **Send individual namecards**: Allows you to transmit single contacts, one at a time. The recipient must accept each namecard as it is received. This method of transmission ensures all contacts are received.

4. From the **Groups** list, select a group and then touch **Menu** to display these Group-specific options:
   - **Search**: Search the group for a contact.
   - **Delete groups**: Touch one or more groups and touch **Delete**.
   - **Edit**: Change the Group name or touch **Add member** to add or delete group members.
   - **Add member**: Add one or more selected contacts to this group.
   - **Remove member**: Remove one or more selected contacts from this group.
   - **Send email**: To send an email to one or more members of the group, touch and check mark the box next to each contact you want to send to, or touch **Select all**, and touch **Done**. Touch **Compose Gmail** or **Compose Email** as the method for sending the email.
   - **Change order**: Changes the order of how the groups display.

## *Linked Contacts*

Your device can synchronize with multiple accounts, including Google, Corporate Exchange, and other email providers. When you synchronize contacts from these accounts with your device, you may have multiple contacts for one person.

Linking, or *joining*, imported contact records allows you to see all the contact's numbers and addresses together in one contact entry. Linking also helps you keep your contacts updated, because any changes that your contacts make to their information in the respective accounts is automatically updated the next time you synchronize with the account.

### Joining Contacts

1. From a Home screen, touch **Contacts**.
2. Touch a contact in the **Contacts** list to view its information.
3. Touch **Menu** → **Join contact**.
4. Touch the contact you want to Join.

   The joined contact's information is displayed with the original contact's information.
5. Repeat Step 3 and 4 to join other contacts.

### Separating Contacts

1. From a Home screen, touch **Contacts**.
2. Touch a contact in the **Contacts** list to view its information.
3. Touch **Menu** ➔ **Separate contact**.
   A list of Joined contacts displays.
4. Touch ➔ **OK** to separate a joined contact.
   The contact is removed from the list.

## *Sharing Contact Information*

You can send a contact's information by way of Bluetooth to other Bluetooth devices or in an Email or Gmail as an attachment.

**Note:** Not all Bluetooth devices accept contacts and not all devices support transfers of multiple contacts. Check the target device's documentation.

1. From a Home screen, touch **Contacts**.
2. Touch **Menu** ➔ **Share namecard via**.

**Tip:** Set up a contact record for yourself to share your information with others.

3. At the prompt, choose a sending method. Options are:
   - **Bluetooth**: For more information, refer to *"Bluetooth"* on page 123.
   - **ChatON**: For more information, refer to *"ChatON"* on page 147.
   - **Email**: For more information, refer to *"Email"* on page 68.
   - **Gmail**: For more information, refer to *"Gmail"* on page 74.
   - **Wi-Fi Direct**: To send Contacts entries directly to another Wi-Fi Direct device.
4. Follow the prompts to send the contact information.

### *Importing and Exporting Contacts*

To back up and restore your contacts information, you can export your contacts list to a storage device, such as a PC, or import your contacts list (previously exported) from a storage device.

1. Use the USB Data/Charging cable to connect your device to the storage device.
2. From a Home screen, touch **Contacts**.
3. Touch **Menu** ➔ **Import/Export**.
4. Touch **Import from USB storage**, **Export to USB storage**, **Import from SD card** (only appears with optional Memory Card installed), **Export to SD card** (only appears with optional Memory Card installed), or **Share namecard via**, then follow the prompts to complete the operation.

### *Synchronize Contacts with Accounts*

To synchronize your contacts with an account:

1. From a Home screen, touch **Contacts**.
2. Touch **Menu** ➔ **Accounts**. The **Sync settings** pop-up appears.
3. To automatically synchronize your contacts with your accounts, touch **Auto sync app data** to enable it. A check mark appears in the check box.
4. To synchronize a particular account, touch it, then touch .

## Groups

Assign contacts to Groups to make searching for contacts faster or to quickly send messages to group members.

### *Creating a New Group*

Create a new group when you add or edit a contact.

1. From a Home screen, touch **Contacts**.
2. Touch **Groups**.
3. Touch .
4. Touch the **Group name** field and use the keyboard to enter a new Group name.
5. Touch **Add member** to add a member to the group. (For more information, refer to *"Adding Group Members"* on page 65.)
6. Touch **Save** to save the new group name.

**Tip:** Contacts can belong to more than one group. Just touch the contact's **Groups** field and touch each group.

Once you create a new group, the Contacts List can be set to display only the contacts in that group. (For more information, refer to *"Contacts Display Options"* on page 59.)

### *Renaming a Group*

To rename a group that you created:

1. From a Home screen, touch **Contacts**.
2. Touch **Groups**.
3. Touch the group you want to rename.
4. Touch **Menu** ➔ **Edit**.
5. Touch the **Group name** field and use the keyboard to change the Group name or enter a new Group name.
6. Touch **Save** to save the new group name.

### *Deleting Groups*

To delete a group that you created:

1. From a Home screen, touch **Contacts**.
2. Touch **Groups**.
3. Touch **Menu** ➔ **Delete groups**.
   The groups that can be deleted display.
4. Touch **Select all** or the name of each group to delete.
5. Touch **Delete** to delete the groups. Choose from **Group only** or **Group and group members**.

### *Adding Group Members*

To add a contact to a group, just Edit a contact's Group field. (For more information, refer to *"Updating Contacts"* on page 58.)

To add multiple contacts to a group:

1. From a Home screen, touch **Contacts**.
2. Touch the **Contacts** tab, then touch **Groups**.
3. Touch the group to which you want to add members.
4. Touch **Menu** ➔ **Add member**.
   A list of available contacts appears.
5. Touch **Select all** or the name of each contact to add to the selected group.
6. Touch **Done** to add the contacts to the group.

### *Removing Group Members*

To remove contacts from a group:

1. From a Home screen, touch **Contacts**.
2. Touch the **Contacts** tab, then touch **Groups**.
3. Touch the group from which you want to remove members.
4. Touch **Menu** ➔ **Remove member**.
5. Touch **Select all** or the name of each contact to remove.
6. Touch **Done** to remove the contacts.
   Contacts are removed from the group and the group name is removed from each contact's **Group** field.

## Favorites

Mark contact records with a gold star to identify them as favorites.

### *Adding Favorites*

To add a contact to the Favorites list:

1. From a Home screen, touch **Contacts**.
2. Touch a contact to display it.
3. Touch the **Star** next to the contact name so that it turns gold .

**Tip:** You do not have to edit the contact to change the Starred status.

### *Accessing Favorites*

You can view your favorites two ways for fast viewing or messaging.

To view your favorites list:

1. From a Home screen, touch **Contacts**.
2. Touch the **Contacts** tab, then touch **Favorites**. Only your starred contacts display.

**Note:** To list the Favorites that are saved to your Google account, touch the **Favorites** tab, then touch **Groups** and, under **Accounts**, touch **Google** ➔ **Starred in Android**.

### *Removing Favorites*

To remove one or more contacts from your favorites list:

1. From a Home screen, touch **Contacts**.
2. Touch the **Contacts** tab, then touch **Favorites**.
3. Touch **Menu** ➔ **Remove from favorites**.
4. Touch **Select all** or the name of each contact to remove.
5. Touch **Done** to remove the contacts.

**To remove one contact from your favorites list:**

1. From a Home screen, touch **Contacts**.
2. Touch a contact to display it.
3. Touch the **Star** next to the contact's name so that it turns gray , indicating the contact has been removed from the Favorites list.

# Section 5: Messaging

This section describes how to send and receive different types of messages. It also includes the features and functionality associated with messaging.

## Types of Messages

Your tablet provides the following message types:

- **Email**: Send and receive messages using your personal and business email accounts.
- **Gmail**: Send and receive Gmail using your Google account.
- **Messenger**: Bring groups of friends together into a simple group conversation.
- **Talk**: Chat with other Google Talk users.

## Email

Use Email to access and manage all your email accounts with one application.

### *Setting Up Email Accounts*

From the Home screen, touch **Email**.

– or –

From the Home screen, touch **Email** ➔ **Menu** ➔ **Settings** ➔ **+ Add account**.

– or –

From a Home screen panel, touch the time display on the Status Bar, then touch **Settings** ➔ **Accounts** ➔ **Add account** ➔ **Email**.

1. At the **Set up email** screen, enter an **Email address** and **Password**. (See *"Entering Text"* on page 47.)

**Tip:** Before saving a password, to avoid typing errors, touch **Show password**. You will be able to see your finished password and make any needed corrections.

2. Touch **> Next**. The Email app proceeds to automatically set itself up to communicate with your email service.
3. If automatic setup fails, you may be prompted **What type of account?** Touch the type of account: **POP3 account**, **IMAP account**, or **Microsoft Exchange ActiveSync**.

   A Server settings screen appears.

**Tip:** Contact your email service provider for the correct values to select or enter for the following options:

- **For POP3 accounts**: Enter or change User name, Password, POP3 server, Security type, Port, and Delete email from server.
- **For IMAP accounts**: enter or change User name, Password, IMAP server, Security type, Port, and IMAP path prefix.
- For **Microsoft Exchange ActiveSync** settings, see *"Setting up Microsoft Exchange Email Accounts"* on page 70.

4. The **Account options** screen appears. Available options vary, depending on the email service provider:
   - **Peak schedule**: Set how often to check for new email sent to this account during peak times. Options are: Push (Automatic), Manual, every 15 minutes, or every 1, 4, or 12 hours.
   - **Off-peak schedule**: Set how often to check for new email sent to this account during off-peak times. Options are: Push (Automatic), Manual, every 15 minutes, or every 1, 4, or 12 hours.
   - **Sync Email**: When enabled, email from your account is automatically synchronized with your device's email.
   - **Send email from this account by default**: When enabled, email from your device is automatically sent from this account.
   - **Notify me when email arrives**: When enabled, you receive notifications when you receive new email sent to this account.
   - **Automatically download attachments when connected to Wi-Fi**: Enable or disable automatic download of files attached to recent messages when connected through Wi-Fi.

5. Touch **> Next** to go to the next screen, or touch **< Previous** to go to the Apps screen.

   The Email app communicates with the appropriate server to set up your account and to synchronize your email.

6. The **Set up email** screen reappears, notifying you that your account is set up and prompting you to enter values for the following options:
   - **Give this account a name (Optional)**: Enter the account name you want to appear in the **Email** screens.
   - **Your name (Displayed on outgoing messages)**: Enter the name you want recipients of your messages to see as the originator.
7. Touch **Done**. The Inbox contents for your account appears.

---

**Note:** To configure email account settings at any time, use **Menu** ➔ **Settings**. Touch the account type to display Account settings.

---

### *Setting up Microsoft Exchange Email Accounts*

Use the following procedure to configure your tablet to synchronize with a business, Microsoft Exchange email account.

1. From a Home screen panel, touch the time display on the Status Bar, then touch **Settings** ➔ **Accounts** ➔ **Add account** ➔ **Microsoft Exchange ActiveSync**. The **Add an Exchange ActiveSync account** screen appears.
2. Using the keyboard at the bottom of the screen, enter you email address in the **account@example.com** field.
3. Touch **Next** **Next**.
4. Enter your password in the **Password** field.

   **Tip:** If you want to see your password as it is being typed, touch **Show password**. A check mark appears in the check box.

5. If you want this account to be your default account for sending email messages, touch **Send email from this account by default**. A check mark appears in the check box.

6. Touch **> Next** at the top of the screen. The Email app begins retrieving your account information from your provider's Exchange server.
7. If Email is unable to retrieve all of your account information, a **Setup could not finish** pop-up appears explaining why. To enter the needed account information manually, touch **Edit details**.

   The **Exchange server settings** screen appears.

   Enter or change the Exchange server information: (**Tip:** Contact your Exchange administrator for the correct values to select or enter for the following options.) **Domain/username**, **Password**, **Exchange server**, **Use secure connections (SSL)**, and **Use client certificate**, then touch **> Next**.
8. If an **Activation** pop-up appears, read the displayed information. To continue set-up, touch **OK**.
9. If a Remote security administration pop-up appears, read the displayed information. To continue set-up, touch **OK**.

   The **Account options** screen appears.
10. Select the desired values in the displayed fields, then touch **Next**.
11. If an **Activate device administrator?** pop-up appears, read the displayed information. To continue set-up, touch **Activate**.
12. When the Setup email account screen re-appears, enter an **Account name for this account (Optional)**. Otherwise, the account address appears in the Email app screen.
13. Touch **Done**. Setup is complete.

### *Accessing Your Email Accounts*

You can view email you receive for email accounts individually, or you can view all accounts in the **Combined view** screen.

1. From the Home screen, touch **Email**.
2. Touch the drop-down menu at the top left of the screen to select:
   - **Combined view**: View all email in a combined inbox.
   - **Priority sender inbox**: View all email for your priority account inbox.
   - <**Account Name**>: View email for the account.

### *Composing and Sending Email*

1. Navigate to a Home screen panel, then touch **Applications** → **Email**.
   If you have set-up more than one Email account, select one of them.
2. Touch **Compose**.
3. Touch the **To** field to enter recipients. As you enter names or numbers, matching contacts display. Touch a contact to add it to the field. The following options are also available:
   - : Lauches your Contacts list. Touch contacts to add them to the **To** field.
   - **+Cc/Bcc**: Create **Cc** (copy) and **Bcc** (blind copy) fields to the message. After creating the fields, touch to enter recipients.
   - **+Me**: Add your email address to the **To** field.
4. Touch the **Subject** field to enter a subject.
5. While composing a message, these options are available:
   - **Scheduling**: Select a date and time for sending this message.
   - **Priority**: Assign a priority status (High, Normal, or Low) to this message.
   - **Tracking options**: Lets you select to receive Read receipt and/or Delivery receipt messages for messages you send.
   - **Security options** (MS Exchange ActiveSync accounts only): Allows you to assign security options to the current message. Choose from Encryption and/or require a Signature. (For more information about MS Exchange accounts, see *"Setting up Microsoft Exchange Email Accounts"* on page 70.)
   - To add an attachment (such as image, video, audio, and so on), touch **Attach** and make a category selection.
6. Touch the text field to enter the text of your email.
7. Once complete, touch one of the following options: **Send**.
   - **Discard**: Erases the current message.
   - **Save**: Close the message and save it in Drafts.
   - **Send**: Close the message and send it to the recipients.

### *Managing Your Email Conversations*

In addition to managing your Email account, there are options for changing the status of one or more Email conversations in an account.

1. From the Home screen, touch **Email**.
2. Touch the check box to the left of one or more conversations and then choose one of the following options:
   - **Star** : Mark the conversations with a gold star and list them in the Starred folder.

     – or –

     **Flag** : Touch **Set** to set all flags, touch **Complete** to mark all conversations with a blue check mark, or touch **Clear** to clear all flags and check marks. Set flags are gold.
   - **Mark as Read** / **Mark as Unread** : Mark the conversations as read or unread. Once a conversation is marked as read, it has a gray background.
   - **Move to** : Relocate the conversations to another folder in the current email account or in a folder within another email account.
   - **Delete** : Delete the conversations.
3. Touch **Menu** for these options:
   - **Sort by**: Choose a method for listing your email conversations.
   - **View mode**: Choose how to view your email conversations. Choices are: Standard view and Conversations view.
   - **Create folder**: Create a new main folder or touch an existing folder to create a sub-folder.

     **Note:** This option is not available for all email accounts.
   - **Delete all**: Delete all items for this email account.
   - **New meeting invitation**: Use Calendar to add an event or add a task. (For more information, refer to *"Creating an Event or Task"* on page 144.)
   - **Settings**: Display the settings for this email account. (For more information, refer to *"Accounts"* on page 203.)

## Gmail

Your tablet includes the **Gmail** app, that lets you send and receive email using Gmail, Google's web-based email system.

**Tip:** To set up your Google account on your device, use **Accounts and sync** settings. (For more information, refer to *"Accounts"* on page 203.)

- From a Home screen, touch **Apps** ➔ **Gmail**.

### *Setting Up Your Gmail Account*

If you did not set up a Google account during the initial configuration, the first time you launch Gmail, your device prompts you to set up your Google account.

**Note:** You can use more than one Google account on your device. To add another account, touch **Menu** ➔ **Settings** ➔ **Add account**.

1. From a Home screen, touch **Apps** ➔ **Gmail**.
   The Add a Google Account screen displays.
2. Touch **Existing** to sign in to an existing account.
   - At the **Sign in** screen, use the on-screen keyboard to enter your Google **Email** name and **Password**, then touch **Sign in**.

   – or –

   Touch **New** to create a new account.
   - At the **Your name** screen, enter your first and last name, and touch **Next**.
   - At the **Create email address** screen follow the prompts to create a new account.

   The Backup and restore screen displays.
3. Read the backup and restore information, touch the option to enable or disable it, and then touch **Next**.
4. The device communicates with the Google server to set up your account and synchronize your email. When complete, your Gmail displays in the Inbox.

## Google+

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

1. Sign in to your Google account. (For more information, refer to *"Setting Up Your Gmail Account"* on page 74.)
2. From a Home screen, touch **Apps** ➔ **Google+**.
3. Select the account to use to sign in to Google+.

   – or –

   Touch **Add account** to create another account.

   The Enrich your contacts screen displays.
4. Follow the on-screen instructions to use Google+.
5. Visit www.google.com/mobile/+/ for more information.

## Messenger

With Google Messenger, you can bring groups of friends together into a simple group conversation, putting everyone on the same page. When you get a new conversation in Messenger, Google+ sends an update to your tablet.

1. From a Home screen, touch **Apps** ➔ **Messenger**. The Messenger screen displays.
2. Sign in to your Google account if you are not already signed in. (For more information, refer to *"Setting Up Your Gmail Account"* on page 74.)
3. Select the account you want to use to sign in to Google+.

   – or –

   Touch **Add account** to create another account.

   The Enrich your contacts screen displays.
4. Follow the on-screen instructions to use Messenger.

**Note:** Uploading over a mobile network uses a data connection and charges may apply.

5. Touch **Menu** ➔ **Help** and then touch a topic to learn more about using Google Messenger.

# Talk

Talk is Google's instant messaging and audio and video chat service. You can use it to communicate, in real time, with other people who also use Talk on another Android tablet or phone or on a computer.

**Tip:** Talk requires that you have a Google account. To set up your Google account on your device use **Accounts and sync** settings. (For more information, refer to *"Accounts"* on page 203.)

## *Open Talk and Sign In*

1. From a Home screen, touch **Apps** ➔ **Talk**.
   If you are not signed in to a Google account, the Add a Google Account screen displays.
2. Touch **Existing**, if you already have a Google account, or **New** to create a Google account.
   (For more information, refer to *"Setting Up Your Gmail Account"* on page 74.)

**Note:** If you have already set up your Google account, you are automatically logged in. Just touch the account.

Once sign in is complete, the Talk main screen displays.

# Section 6: Multimedia

This section describes the various multimedia applications available on your device such as Media Hub, Music Player, Play Music, Video Player, Play Movies & TV, Gallery, Camera, Camcorder, and Photo Editor.

(For more information, refer to *"Applications and Widgets"* on page 135.)

## Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. With hundreds of titles available at your finger tips, entertaining on the go has never been easier. You can rent or purchase your favorite content and conveniently watch anywhere. Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you have never experienced it before.

**Note:** Media Hub service requires a Samsung account and depends on service availability.

1. From the **Apps** screen, touch **Media Hub**.
   The Media Hub screen displays.
2. To rent or buy media, you must have a Samsung account. Touch **Menu** ➔ **Sign in** to sign in to your Samsung account or to create an account. Follow the prompts to complete log-in.

3. Browse content using these options:
   - **Home**: Recently-added titles for rent or purchase.
   - **Movies**: Movies you can rent or purchase.
   - **TV Shows**: TV shows you can rent or purchase.
   - **My Media**: Content you have previously purchased or rented.
4. When you find media you want to view, use these options:
   - **View trailer**: View a short clip from the movie or show.
   - **Buy**: Purchase the media for unlimited viewing on your device. Follow the prompts to enter payment details.
   - **Rent**: Purchase a time-limited download of the media. Follow the prompts to enter payment details.
5. For additional information about Media Hub, touch **Menu → Contact us**.

### *Media Hub Notices*

- Any media item (Media Content) may be rented or purchased after you create an account in Media Hub.
- Media Content that is downloaded may be viewed concurrently on up to five (5) devices with Media Hub that are also registered to the same account.
- You may choose to remove a device from your account no more than once every 90 days.
- You may remove Media Content from a device as many times as you like. You will have the ability to re-download the Media Content at a later point in time subject to content re-download availability and studio permissions.
- You MUST be in network coverage to license Media Content you have acquired through the Service.
- You can use 3G, 4G, or Wi-Fi connectivity in order to download Media Content.
- Unlike purchased Media Content, rented Media Content will be viewable on only 1 device in your account.
- Media Content is downloaded and saved onto the SD card.
- Your Media Content may pause/stop or not download in networks where there is a weak signal.

- You may begin watching downloaded Media Content as soon as a) license acquisition has occurred and b) sufficient amount of the Media Content has been buffered.
- You must finish watching rented Media Content within 24 consecutive hours of start of playback.
  - Stopping, pausing, or restarting rented Media Content does not extend the available viewing time.
  - In no event will rented Media Content be available for a period of more than thirty (30) days (or shorter on a title-by-title basis) after the Media Content has been rented (e.g., if you begin viewing rented Media Content on the 29th day after the rental transaction, but do not finish viewing the entire title, that rented Media Content may not be available for the entire twenty-four (24) consecutive hour period if such period would extend the viewable time beyond the thirty (30) day rental window).
- You cannot play any media content downloaded from Media Hub through any output on your mobile device, including All Share.

## Game Hub

Samsung Game Hub  is a premium game service that lets you play, connect and share games. Game Hub comes pre-packed with popular social games and with a variety of premium HD games that have been optimized for your Samsung device with its blazing fast Quad Core processor and SUPER AMOLED Plus screens.

**Note:** Game Hub service requires a Samsung account and depends on service availability.

1. From the **Apps** screen, touch **Game Hub**. A **Disclaimer** screen appears.
2. Read the Game Hub disclaimer text and press **Confirm**. The **Game Hub** screen appears showing the following games menus: **Social Games**, and **Premium Games**, and **Installed games**.
3. For more information, touch **More games** in either the **Social Games** (launches Samsung Apps) or the **Premium Games** (launches the **More games** pop-up) menu.

4. Follow the prompts to select a game to download. For each game you select, a **Details** screen appears. The following options are available:
   - **Search**: Search for games by name.
   - **Account information**: Lets you Create a new Samsung account or Sign in to your existing Samsung account and view your account information.
   - **Game categories**: Lists Game Hubs game categories. Touch a category to list games related to it.
   - **Menu**:
     - **Sign in**: Create a new Samsung account or Sign in to your existing Samsung account.
     - **Settings**: Select when or whether you receive Update notifications.
     - **Help and notices**: View Game Hub Notices; on-line Customer support notices; and/or Game Hub release level, Terms and conditions, and Privacy policy.
   - **Download**: Copy a selected game to your tablet.
   - **Launch**: Start up a selected game on your tablet.
   - **Share**: You can choose to share games over Facebook or Twitter.
5. To begin downloading the game, touch **Download**. After downloading completes, the game should be installed automatically.
6. To begin playing the game:
   - Touch **Launch**.

     – or –
   - Touch **Back**, then touch the new game's icon in the **Installed games** menu.

## Music Player

Music Player plays music and other audio files that you copy from your computer.

1. From a Home screen, touch **Apps** ➔ **Music Player**.

   The Music Player application searches your device's internal storage for music and playlists. This can take from a few seconds to several minutes, depending on the amount of new music added since you last opened the application. It then displays your music in several ways.

2. Touch **Songs**, **Playlists**, **Albums**, **Artists**, **Genres**, **Folders**, **Composers**, **Years**, or **Music square** to change the way you view the contents of your library.
3. Touch the Music application icon at the top-left of the Application bar to return to the previous Music screen.

## *Managing Your Music*

### Searching for Music

To find music in your library:

1. From a Home screen, touch **Apps** ➔ **Music Player**.
2. Touch **Search**.
3. Type the name of an artist, album, or song.
   Matching songs are displayed in a list below the search box.
4. Touch a matching song to play it. Touch a matching album, or artist to view a list of its songs.

### Creating a Playlist

1. From a Home screen, touch **Apps** ➔ **Music Player** ➔ **Playlists**.
2. Touch ➔ **New playlist**.
3. Touch the name field to enter a name for the playlist.
4. Touch **OK** to save the new playlist.

### Renaming a Playlist

1. From a Home screen, touch **Apps** ➔ **Music Player**.
2. Touch **Playlists**, touch a playlist, and then touch **Menu** ➔ **Rename playlist**.
3. Touch the name field to enter a new name for the playlist.
4. Touch **OK** to save the new playlist.

### Adding Songs to Playlists

1. From a Home screen, touch **Apps** ➔ **Music Player**.
2. Touch and touch a playlist.

   – or –

   Touch **Playlists**, touch a playlist, and then touch **Add music**.

   All songs are displayed.
3. Touch next to each song you want to add or next to **Add all** to add all songs to the playlist.

   The songs appear under the playlist to the right of the songs list.
4. Touch **Done** to save the playlist.

### Removing Songs from Playlists

1. From a Home screen, touch **Apps** ➔ **Music Player**.
2. Touch and touch a playlist.

   All songs are displayed to the left of the playlist and the songs in the playlist are displayed on the right, under the playlist name.
3. Touch to remove a song from the playlist.
4. Touch **Done** to save the playlist.

### Changing the Order of a Playlist

1. From a Home screen, touch **Apps** ➔ **Music Player**.
2. Touch **Playlists** and touch a playlist.
3. Touch **Change order** to change the order of the songs. Touch the grid on an entry and drag the entry to a new position in the list.
4. Touch **Done** to change the order and save the playlist.

### Playing a Playlist

1. From a Home screen, touch **Apps** ➔ **Music Player**.
2. Display the **Playlists** library view.
3. Touch **Favorites**, **Most played**, or **Recently added**, or touch a playlist title that you created.
4. Touch a song to start playing the playlist at that song.

### Deleting a Playlist

1. From a Home screen, touch **Apps** ➔ **Music Player**.
2. Touch **Playlists** and touch a playlist.
3. Touch **Delete** in the Application bar.
4. Touch the box next to a playlist title. A check mark indicates the playlist is to be deleted.
5. Touch **Remove** and then touch **OK** to delete the selected playlist.

### Changing Music Settings

To change settings in the Music application:

1. From a Home screen, touch **Apps** ➔ **Music Player**.
2. Touch **Menu** to display the following options:
   - **Delete**: Touch the box for any song or album you want to delete or touch the box for **Select all** to select every song or album. A check mark indicates the song or album is to be deleted. Touch **Delete** to delete the selected items.
   - **Share via**: Share your music by using Group Play, Bluetooth, Wi-Fi Direct, Gmail, or Email. Select the songs you want to share and touch **Share**.
   - **Set as alarm tone**: Choose a song and touch **Set** to use the song as an alarm tone.
   - **Scan for nearby devices**: Discover and connect directly to nearby devices.

- **Settings**: The following settings display:

**Advanced**

– **Sound settings**: Choose **SoundAlive** and **Play speed** settings.

– **Lyrics**: Display the lyrics of the song, if available.

– **Music auto off**: Set the option Off or set your music to turn off automatically after 15 minutes, 30 minutes, 1 hour, 1 hour and 30 minutes, 2 hours, or Custom.

**Music menu**

– **Music menu**: Enable or disable the music display options that appear on the main music screen. A check mark next to an option means that it is enabled.

## *Listening to Music*

You can listen to music by using your tablet's built-in speakers, a wired headset, or a wireless Bluetooth stereo headset.

(For more information, refer to *"Bluetooth"* on page 123.)

Touch **Volume** key on the top of the tablet to activate on-screen volume control, then touch and drag on the scale to set volume. You can also press the Volume Key to adjust playback volume.

## Playing Music

To play a song:

1. From a Home screen, touch **Apps** ➔ **Music Player**.
2. Touch a song in your library to listen to it.

   – or –

   While viewing a list of albums or genres, touch the album thumbnail and then touch a song in the list of songs on the album.

   The song you touch starts to play. The tracks in the current list play in order until you reach the end of the list (unless you choose a repeat option). Otherwise, playback stops only if you stop it, even when you switch applications.

## Accessing the Music Player

If you navigate away from the **Music Player** application and music is playing, you can change songs or easily return to the Music Player:

1. Touch the Music Player running icon in the System Bar.
2. In the Status Details, touch the song title to display the Music Player. You can also pause and resume playback and skip to the next or previous song in the panel. (For more information, refer to *"Notifications"* on page 35.)

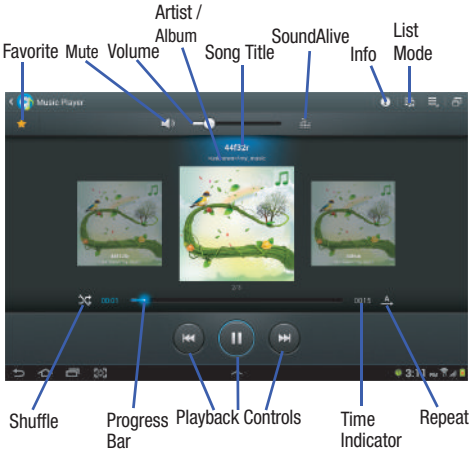
## Using the Music Player

Music Player plays music and other audio files that you download or copy from your computer.

1. From a Home screen, touch **Apps** ➔ **Music Player**.
2. Touch a song or playlist to begin playback.

   The music player displays below (portrait mode) or to the right (landscape mode) of the music list.

3. Touch the music player to enlarge it and touch the screen to display the sound and playlist controls.




4. During playback, use the sound and playlist controls:
   - **Favorite**: Touch the star to mark the current song as a favorite and add the song to the Favorites playlist.
   - **Volume**: Touch to toggle Silent mode and Sound mode, then touch and drag on the scale to set volume. You can also press the Volume Key on the side of the device to adjust playback volume.
   - **SoundAlive**: Touch **SoundAlive** to view and set SoundAlive options.
   - **Info**: Touch to view information about the current song.
   - **List Mode**: Touch to switch to the list of songs.
   - **Shuffle**: When enabled, songs play in random order. When disabled, songs play in the order they appear in List view.
   - **Progress Bar**: Touch and drag the end of the progress bar to scan forward or backward through the current song.

- **Playback Controls**: These buttons control the playback of songs:
  - Touch to advance to the next song. Touch and hold to scan forward through the current song.
  - Touch to go back to the previous song. Touch and hold to scan backward through the current song.
  - Touch to pause playback. Touch to resume playback.
- **Repeat**: Touch to repeat the current song, repeat all songs, or disable repeat mode.

## *Options While Playing a Song*

There are various options and controls available while a song is playing:

1. From a Home screen, touch **Apps** ➔ **Music Player**, touch a song or an album, and then a song.
2. Touch the music player to enlarge it.
3. Touch  **Menu** to display the following options:
   - **Delete**: Erase the current song from your tablet.
   - **Share via**: Share the current song by using Bluetooth, Dropbox, Email, Gmail, Group Play, or Wi-Fi Direct.
   - **Set as alarm tone**: Use the current song as an alarm tone.
   - **Scan for nearby devices**: Discover and connect directly to nearby devices.
   - **Settings**: Displays Music Player settings. (For more information, refer to *"Changing Music Settings"* on page 83.)

## Video Player

Video Player and your tablet's 10.1-inch, 1280x800 pixels, WXGA TFT (PLS) LCD screen support playback of SD (standard definition) and HD (high definition) videos. Use Video Player to view and manage videos stored on your tablet.

You can listen to your videos by using your tablet's built-in speakers, a wired headset, or a wireless Bluetooth stereo headset.

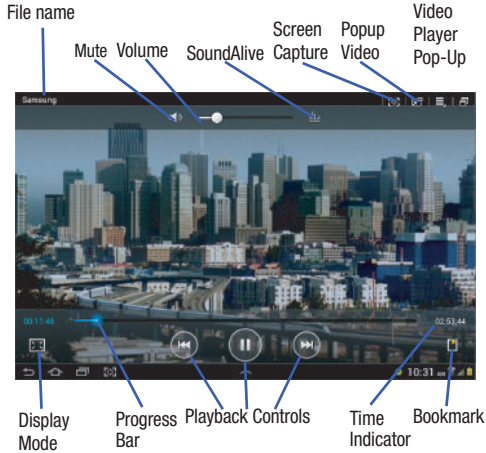
(For more information, refer to *"Bluetooth"* on page 123.)

Touch **Volume** key on the top of the tablet to activate on-screen volume control, then touch and drag on the scale to set volume. You can also press the Volume key left or right to adjust playback volume.

### *Using the Video Player*

Video Player plays video files that you record with your tablet's camera, download, or copy from your computer.

1. From a Home screen, touch **Apps** ➔ **Video Player**.
2. Touch a video to begin playback.The Video Player screen appears.
3. To display the sound and playlist controls, touch the screen.



4. During playback, use the sound and playlist controls:
   - **File name**: The name of the currently playing video file.
   - **Mute**: Touch to toggle Silent mode and Sound mode.
   - **Volume**: Touch and drag on the scale to set volume. You can also press the Volume Key on the side of the device to adjust playback volume.
   - **SoundAlive**: Touch **SoundAlive** to view and set SoundAlive options.
   - **Screen Capture**: Touch to take a "snap shot" of the currently playing video.
   - **Popup Video**: Touch to launch the Popup Video window which continues playback of the current video and lets you use other functions of your tablet. You can resize and/or reposition the Popup Video window. This window is always on top of screens and other pop-ups.
   - **Video Player Pop-Up**: Touch to collapse the Video Player screen into its pop-up form.
   - **Display Mode**: Touch to toggle between Original Size, Full-Screen in Ratio View, or Full-Screen View.
   - **Progress Bar**: Touch and drag the end of the progress bar to scan forward or backward through the current video. Touch the left end of the progress bar to restart the video. Touch the right end of the progress bar to end the video playback.
   - **Playback Controls**: These buttons control video playback:
     - Touch to advance to the next video. Touch and hold to scan forward through the current video.
     - Touch to go back to the previous video. Touch and hold to scan backward through the current video.
     - Touch to pause playback.
     - Touch to resume playback.
   - **Time Indicator**: Indicates the remaining video playback time.
   - **Bookmark**: Touch to place a bookmark at the current location on the Progress Bar.

### *Playing a Video*

1. From a Home screen, touch **Apps** ➔ **Video Player**.
2. To list available videos, touch the **Thumbnails**, **List**, or **Folders** tab.
3. To find a video by name, touch **Search** and use the keyboard to enter, speak, or handwrite a search term. The current folder is searched and results are displayed.

   Touch to remove the search field.
4. While viewing the list, touch **Menu** for options:
   - **List by**: Display videos by Name (default), Date, Size, or Type.
   - **Share via**: Share the video with Bluetooth, Dropbox, Email, Gmail, Google+, Picasa, Wi-Fi Direct, or YouTube.
   - **Delete**: Touch videos to select them for deletion or touch **Select all** to delete all videos. Touch **Delete** to deleted the selected videos.
   - **Auto play next**: Touch to enable or disable automatic playing of videos in the order they appear.
   - **Scan for nearby devices**: Discover and connect directly to nearby devices.
5. Touch a video to play it. While playing a video, touch the screen to display or hide on-screen playback controls.
6. Touch the icon in the lower left corner of the video player screen while the video is playing to change the Display Mode from original size to full screen in ratio or full screen.
   - **Original Size** ( ): Changes the display mode to the original size.
   - **Full-Screen in Ratio View** ( ): Enlarges video as much as possible without becoming distorted.
   - **Full-Screen View** ( ): Enlarges video to fill the entire screen, which may cause some minor distortion.
7. Touch **SoundAlive** to set the sound quality to Normal, Voice, Movie, or Virtual 7.1 ch.
8. While the video is playing, touch **Bookmark** to mark your favorite areas of the video. A yellow mark displays on the progress bar.

9. During playback, press **Menu** for options:
   - **Share via**: Send the video by Bluetooth, ChatON, Dropbox, Email, Gmail, Google+, Picase, S Note, Wi-Fi Direct, or YouTube.
   - **Chapter preview**: If chapter information is recorded in the video file, display the chapters. Touch a chapter to begin playing the video at that point.
   - **Trim**: Trim the original video or trim the video and create a new video.
   - **Via Bluetooth**: Turn Bluetooth on to use Bluetooth services.
   - **Video Editor**: Open this video in the Video Maker app. (For more information, refer to *"Video Editor"* on page 163.)
   - **Bookmarks**: If bookmarks have been set for this video, a thumbnail and time are displayed for each bookmark. Touch to remove a bookmark.
   - **Details**: Provides details about the video, such as Name, Size, Resolution, Duration, Format, and Date modified.
   - **Video auto off**: Automatically turn off the video. Options are: Off, After playing, After 15 min, After 30 min, After 1 hour, After 1 hour 30 min, or After 2 hours.
   - **Scan for nearby devices**: Discover and connect directly to nearby devices.
   - **Settings**: Touch this option to view the following:
     - **Play speed**: Touch and drag the slider to decrease or increase play speed.
     - **Subtitles**: View subtitles for the video, if available.
     - **Auto play next**: Enable or disable auto play of the next video.
     - **Color tone**: Change the overall color tone for video playback from Normal to Warm or Cold.
     - **Outdoor mode**: Increases screen brightness and contrast to improve screen clarity in sunlight.

(For more information, refer to *"Playing Videos"* on page 105.)

## Play Movies & TV

The Play Movies & TV app is available for select Android devices. Any movie you rent using the Play Store app can be downloaded for offline viewing through this application. In addition, the Play Movies & TV app can be used to stream your movie rentals as well as play any of your personal videos stored on your tablet.

1. From a Home screen, touch **Apps** ➔ **Play Movies & TV**.
2. For more information touch **Menu** ➔ **Help**.

## Camera

Use your tablet's built-in camera and camcorder to take photos and record videos.

1. From the Home screen, touch **Camera**.

   – or –

   From a Home screen, touch **Apps** ➔ **Camera**.

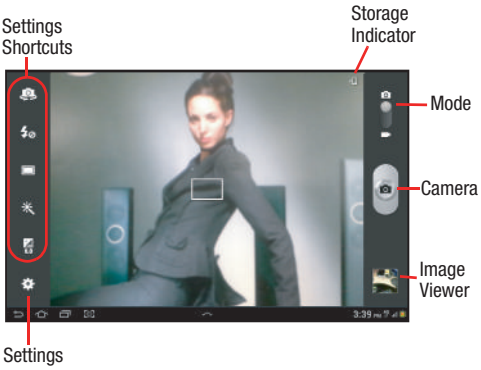
   If you have installed a microSD memory card, the **Storage location** pop-up displays. (For more information, refer to *"Installing a Memory Card"* on page 16.)
2. Touch **OK** to change the Storage location to an optional microSD memory card.

   – or –

   Touch **Cancel** to use the tablet's USB Mass storage for storing pictures and videos.

**Note:** With the Camera Storage location set to an optional memory card, the Camera stores photos in the /storage/extSdCard/DCIM/Camera folder as JPEG (.jpg) files. (For more information, refer to *"My Files"* on page 154.)

The Camera viewfinder screen appears.




### *Taking Photos*

To take a photo:

1. From the Home screen, touch **Camera**.
2. Using the display as a viewfinder, compose your picture by aiming the lens at the subject.
   (To configure settings, see *"Camera Settings"* on page 94.)
3. To take the photo, touch the **Take**.
4. Touch **Back** to leave the Camera and display the previous screen.

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**Important!** Do not take photos of people without their permission.
Do not take photos in places where cameras are not allowed.
Do not take photos in places where you may interfere with another person's privacy.

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## *Camera Settings*

Before you start taking photos, use the camera settings to configure the camera for best results. Camera settings are represented by icons on the left side of the screen.

### Editing Camera Settings Shortcuts

The first five icons are actually shortcuts to camera settings. These five shortcuts can be customized to fit your preference.

**Self-portrait**, **Flash**, **Shooting mode**, **Effects**, and **Exposure value** are default settings shortcuts.

To customize these shortcuts:

1. Touch **Settings** ➔ **Edit shortcuts**.

   – or –

   Touch and hold any of the shortcut icons.

   An array of available replacement shortcut icons appears.
2. To replace an existing shortcut, touch and hold a replacement icon, then drag and drop it on one of the five existing shortcut positions. The replaced shortcut icon moves to the available replacement shortcut array.
3. To remove an existing shortcut from the camera screen, touch and drag the shortcut to the available replacement shortcut array. The selected shortcut position remains blank.
4. To restore the original shortcut icons, touch touch **Reset**, below the replacement shortcut array.
5. Touch **Back** to return to the Camera screen.

## Configuring Camera Settings

To configure Camera settings:

- While in Camera mode, touch **Settings** to configure the following camera settings:
  - **Edit shortcuts**: Customize your settings shortcuts. (For more information, refer to *"Editing Camera Settings Shortcuts"* on page 94.)
  - **Self-portrait**: Touch to switch to the front-facing camera lens and take a photo of yourself. (When this option is set to On, the **Save as flipped** option is activated.)
  - **Flash**: Choose a flash mode (Off, On, or Auto flash).
  - **Shooting mode**: Choose an automatic shooting mode, from:
    - **Single shot**: Take a single photo.
    - **Panorama**: Touch the Camera button to take a photo, then use the on-screen guideline to move the viewfinder and take the next 7 shots automatically.
    - **Share shot**: Uses Wi-Fi Direct to share your pictures quickly with your friends.
    - **Buddy photo share**: Uses face recognition of pictures in your contacts list to send your friends or family pictures of themselves.
    - **Smile shot**: Touch **Take** to automatically focus on the subject's face and take the photo.
    - **Cartoon**: Gives your photo the appearance of being a cartoon.
  - **Effects**: Apply an effect to photos. Options are: No effect, Black and white, Sepia, or Negative.
  - **Scene mode**: Choose an automatic scene mode from None, Portrait, Landscape, Sports, Party/Indoor, Beach/Snow, Sunset, Dawn, Autumn Color, Text, Candlelight, Backlight, or Night.
  - **Exposure value**: Use the slider to set the exposure value from -2.0 to +2.0.
  - **Focus mode**: Choose Auto focus or Macro.
  - **Timer**: Set a timer for how long to wait before taking a photo. Options are: Off, 2 sec, 5 sec, and 10 sec.
  - **Resolution**: Set a size for the image. Options are: 5M (2560x1920), w3.6M (2560x1440), 3.2M (2048x1536), w2.4M (2048x1152), 2M (1600X1200), w1.3M (1536x864), and 0.3M (640x480).
  - **White balance**: Set the light source. Options are: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.
  - **ISO**: Set camera sensitivity to light. Options are: Auto, 100, 200, or 400.

- **Metering**: Set how the camera measures or meters the light source: Matrix, Center-weighted, or Spot.
- **Outdoor visibility**: Enhances screen readability in bright light.
- **Guidelines**: Enable or disable an on-screen grid to aid in photo composition.
- **GPS tag**: Enable or disable tagging of photos with your GPS location. appears in the upper right corner of the Camera viewfinder screen when this option is active.

**Caution!** Be aware that your location may be present on a photo when posting your photos on the Internet.

- **Save as flipped**: (This option is active when the **Self-portrait** option is set to On.) When set to On, this option saves a mirror-image picture from the front camera.
- **Image quality**: Choose aquality setting for photos. Options are Superfine, Fine, and Normal.
- **Storage**: Set whether to store photos on your device or on your memory card.
- **Reset**: Reset all Camera settings to the defaults. Touch **OK**.

### *Viewing Photos with the Image Viewer*

After taking a photo, use the Image Viewer to view, share, delete, or edit photos.

1. Touch **Image Viewer** to view the photo.
2. Touch the screen to show or hide Image Viewer options.
3. Touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. (For more information, refer to *"Pinch"* on page 33.)
4. Sweep across the screen to display the next or previous photo. The current photo is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the photo it represents.
5. Touch **Favorite** to tag the item as a favorite (the star changes color to ). Touch **Favorite** to untag the item.
6. Touch **Share** to use Bluetooth, ChatON, Dropbox, Email, Gmail, Google+, Group Play, Picasa, S Note, or Wi-Fi Direct to share the photo.
7. Touch **Menu** ➔ **Slideshow** to display a slide show of the available pictures and videos.

8. To delete the photo being displayed, touch **Delete** and then touch **OK** to delete the photo or **Cancel** to exit.
9. Touch **Menu** to select **Set as** to assign the photo as a Contact photo, Home screen wallpaper, Lock screen wallpaper, or Home and lock screens wallpaper.

   (For more information, refer to *"Viewing Photos and Videos"* on page 102.)

**Note:** Photos are stored in the /Storage/sdcard0/DCIM/Camera folder as JPEG (.jpg) files. (For more information, refer to *"My Files"* on page 154.)

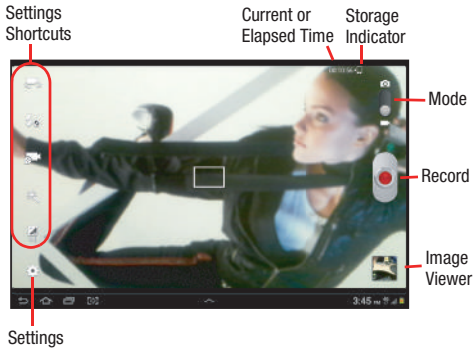
10. Press **Back** to return to the Camera to take more photos.

## Camcorder

Use your device's built-in Camcorder to record high-definition video in 1080p resolution.

1. From the Home screen, touch **Camera**.
2. Slide **Mode** to the **Camcorder** setting.

   The Camcorder viewfinder screen appears.



## Recording Videos

1. From the Home screen, touch **Camera**.
2. Slide **Mode** to the **Camcorder** setting.
3. Using the display as a viewfinder, compose your shot by aiming the lens at the subject.

   (To configure settings, see *"Camcorder Settings"* on page 98.)
4. To start recording, touch **Record**.
5. To pause recording, touch .
6. To end recording, touch **Stop**.
7. Touch **Back** to leave the Camcorder and display the previous screen.

**Important!** Do not take videos of people without their permission.

Do not take videos in places where cameras are not allowed.

Do not take videos in places where you may interfere with another person's privacy.

## Camcorder Settings

Before you start taking videos, use the camcorder settings to configure the camcorder for best results. Camcorder settings are represented by icons on the left side of the screen.

### Editing Camcorder Settings Shortcuts

As with the camera, the first five icons are actually shortcuts to camcorder settings. These five shortcuts can be customized to fit your preference.

**Self-recording**, **Flash**, **Recording mode**, **Effects**, and **Exposure value** are default settings shortcuts.

(To customize these shortcuts, see *"Editing Camera Settings Shortcuts"* on page 94.)

### Configuring Camcorder Settings

To configure Camcorder settings:

- While in Camcorder mode, touch a settings shortcut or touch **Settings** to configure the following Camcorder settings:
  - **Edit shortcuts**: Customize your settings shortcuts. (For more information, refer to *"Editing Camera Settings Shortcuts"* on page 94.)
  - **Self-recording**: Touch to switch to the front-facing camera lens and record a video of yourself.
  - **Flash**: Choose a flash mode (Off or On).
  - **Recording mode**: Set a recording mode. Options are: Normal and Limit for email, which limits the size of the video to 50 megabytes.
  - **Effects**: Apply an effect to videos. Options are: No effect, Negative, Black and white, or Sepia.
  - **Exposure value**: Use the slider to set the exposure value from -2.0 to +2.0.
  - **Timer**: Set a timer for how long to wait before recording a video. Options are: Off, 2 sec, 5 sec, and 10 sec.
  - **Resolution**: Set a size for the video. Options are: 1280x720, 720x480, 640x480, or 320x240.
  - **White balance**: Set the light source. Options are: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.
  - **Outdoor visibility**: Enhances screen readability in bright light.
  - **Guidelines**: Enable or disable an on-screen grid to aid in video composition.
  - **Save as flipped**: (Requires Self-recording set to On.) When set to On, this option lets you take and save a mirror-image photo.
  - **Video quality**: Lets you set the image quality to: Superfine, Fine, or Normal.
  - **Storage**: Set whether to store you videos on your device or on your memory card.
  - **Reset**: Reset all Camera settings to the defaults. Touch **OK**.

### *Viewing Videos with the Image Viewer*

After recording a video, use the Image Viewer to play, share, or delete your video.

**Note:** Videos are stored in the /Root/sdcard/DCIM/Camera folder as MPEG4 (.mp4) files. (For more information, refer to *"My Files"* on page 154.)

1. From the Camcorder screen, touch **Image Viewer** to view the video. The first frame of the most recent video recorded appears. The current video is also outlined in the thumbnails at the bottom of the screen.
2. Touch the current video to view it.

   – or –

   Touch a thumbnail to view the video it represents. (For more information, refer to *"Video Player"* on page 88.)
3. Touch the screen to show or hide Gallery options. (For more information, refer to *"Gallery"*.)
4. Sweep across the screen to display the next or previous video.
5. Press **Back** to return to the Camcorder.

## Gallery

Your device's 10.1-inch 1280x800 WXGA TFT (PLS) LCD screen provides a high-resolution display of photos and videos.

Use Gallery to view, capture, and manage photos and videos.

### *Selecting Photos and Videos to View*

1. From a Home screen, touch **Apps** ➔ **Gallery**. All albums display.
2. Touch **Albums** to display other ways to group or filter your photos and videos. Options are:
   - **Albums**: Lists albums by source name and storage location.
   - **Time**: Lists albums by time pictures taken and/orvideos recorded.
   - **Locations**: Shows locations on maps where photos were taken and videos were recorded.
   - **Person**: Lists individual portrait pictures and videos.
   - **Group**: Lists group portrait pictures and videos.
   - **Favorites**: Lists your favorite pictures and videos.
3. Touch **Camera** to launch the Camera app. (For more information, refer to *"Camera"* on page 92.)
4. Touch to toggle the display layout between Array, Pyramid, and Helix.

5. Touch **Menu** to display the following options:
   - **Slideshow**: Choose to Start slideshow or to configure Slideshow settings.
   - **New album**: Add an album to your Gallery.
   - **View by**: Choose whether to list All content, Content in device only, Content in Dropbox account only, Content in Facebook only, or Content in Picasa only.
   - **Select album** / **Select group:** Touch one or more albums or groups that you want to share, stream to another device, or delete.
   - **Scan for nearby devices**: Discover and connect directly to nearby devices.
   - **Settings**: Set synchronization options.
6. Touch to reduce Gallery screen to pop-up window.

### *Viewing Groups of Photos and Videos*

1. From a Home screen, touch **Apps** ➔ **Gallery**. All albums display.
2. Touch a category and then a group to view it. Thumbnails for each photo and video in the group display.
3. Touch **Menu** ➔ **Slideshow** to view a slideshow of the available pictures and videos.
4. Touch **Menu** for these options:
   - **Select item:** Touch one or more items that you want to share, stream to another device, or delete.
   - **Hidden items**: Show hidden pictures, videos, and/or folders.

### *Viewing Photos and Videos*

1. From a Home screen, touch **Apps** ➔ **Gallery**. All albums display.
2. Touch an album, then touch a photo or video thumbnail.
3. Touch the screen to show or hide Gallery options.
4. Touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. (For more information, refer to *"Pinch"* on page 33.)
5. Sweep across the screen to display the next or previous photo or video. (Videos are indicated by the **Play** icon overlay.) The current photo or video is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the photo or video the thumbnail represents.
6. Touch **Share** to use Bluetooth, ChatON, Dropbox, Email, Gmail, Google+, Group Play (photos), Picasa, S Note, Wi-Fi Direct, or YouTube (videos) to share the photo or video.
7. Touch **Menu** ➔ **Slideshow** to view a slideshow of the available pictures and videos. Touch the screen to stop the slideshow and view the photo or video being displayed.
8. To delete the photo or video being displayed, touch **Delete**, then touch **OK** to delete the item or **Cancel** to retain it.
9. Touch **Menu** to access the following options for photos:
   - **Slideshow**: Lets you view your pictures and videos in a slideshow.
   - **Face tag**: When enabled, identifies faces with a yellow box, so you can touch them to add tag information.
   - **Draw on image**: Draw or write on the picture using the S Pen or your finger.
   - **Copy to clipboard**: Copy the current photo to the clipboard.
   - **Rotate left**: Allows you to rotate the photo counterclockwise 90 degrees.
   - **Rotate right**: Allows you to rotate the photo clockwise 90 degrees.

- **Crop**: Select and delete portions of a picture. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Done**. Touch **X** to stop without cropping the photo.
- **Advanced Edit**: Prompts you to choose PS Touch app or Paper Artist app to edit this picture.
- **Set as**: Assign the photo as a Contact photo, Home screen, Lock Screen, or Home and lock screens.
- **Buddy photo share**: Send the picture to the people tagged in the picture.
- **Print**: Print the picture via Wi-Fi to a compatible Samsung printer.
- **Show on map**: This option displays if a Location exists for the photo. A Location is added to the photo if **GPS tag** is set **On** in the Camera settings. Touch this option to open the Map app and display the Location where the photo was taken. (For more information, refer to *"Camera Settings"* on page 94.)

**Caution!** Be aware that your location may be present on a photo when posting your photos on the Internet.

- **Rename**: Change the picture's filename.
- **Scan for nearby devices**: Discover and connect directly to nearby devices.
- **Details**: Provides details about the photo such as Title, Time, Location, Width, Height, File Size, and so on. Touch the **Close** to close the pop-up.

**Note:** Pictures are stored in the /Root/sdcard/DCIM/Camera folder as JPEG files. (For more information, refer to *"My Files"* on page 154.)

There are only two options for videos that are not playing:

- **Slideshow**: Lets you view your pictures and videos in a slideshow.
- **Rename**: Enter an new file name.
- **Scan for nearby devices**: Discover and connect directly to nearby devices.
- **Details**: Provides details about the video such as Title, Time, Duration, File Size, and so on. Touch the **Close** to close the pop-up.

(For menu options while a video is playing and other video options, see *"Video Player"* on page 88.)

**Note:** Videos are stored in the /Root/sdcard/DCIM/Camera folder as mp4 files. (For more information, refer to *"My Files"* on page 154.)

10. Press **Return** to return to the category screen.

### *Setting a Picture As*

You can use the photos you take as a contact's photo or as wallpaper for the Home or Lock screen:

1. From a Home screen, touch **Apps** ➔ **Gallery**.
2. Touch a category and then a group to view it, and then touch a photo to select it.
3. Touch **Menu** ➔ **Set as**.
4. Touch **Contact photo** and then touch a contact entry.

   – or –

   Touch **Home screen**, **Lock screen**, or **Home and lock screens**.

   The **Crop picture** screen displays.

5. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Done** to save the cropped photo as the contact's icon or wallpaper. Touch **Cancel** to stop without cropping the photo.

**Tip:** To remove a contact photo, see *"Updating Contacts"* on page 58.

**Tip:** To change wallpaper, see *"Wallpapers"* on page 43.

### *Playing Videos*

1. From a Home screen, touch **Apps** ➔ **Gallery**.
2. Touch a category and then a group to view it, and then touch a video thumbnail to play the video.

**Note:** Videos are marked with a **Play** icon.

3. Touch **Pause** to pause the video.
4. Touch **Resume** to resume playing the video.
5. Touch and drag the white dot on the progress bar to fast forward or rewind the video. Touch the left end of the progress bar to restart the video. Touch the right end of the progress bar to end the video playback.

   – or –

   Touch and hold **Rewind** to scan forward through the video or **Fast Forward** to scan backward through the video.

   (For more information, refer to *"Video Player"* on page 88.)

### *Sharing Photos and Videos*

Share photos and videos with your friends.

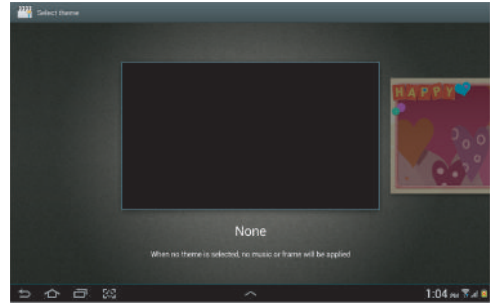
1. From a Home screen, touch **Apps** ➔ **Gallery**.
2. Touch a category and then a group to display thumbnails.
3. Touch **Menu** ➔ **Select item**.
4. Touch one or more photos and videos to highlight them for sharing.
5. Touch **Share**.
6. Touch **Bluetooth**, **ChatON**, **Dropbox**, **Email**, **Gmail**, **Google+**, **Group Play**, **Picasa**, **S Note** (photos only), **Wi-Fi Direct**, or **YouTube** (videos only), then follow the prompts.

## Video Editor

Video Editor lets you assemble videos you have recorded with the tablet's camera-camcorder with a selected theme, edit the resulting project, add color effects and additional sounds, and export your project as a finished MP4 video.

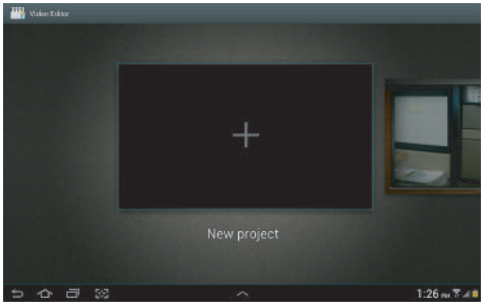
- From a Home screen, touch **Apps** ➔ **Video Editor**.

  If there are no Video Editor projects stored on your tablet, the Video Editor **Select theme** screen appears.




From this screen, you can begin constructing your first Video editor project.

Otherwise, the **Video Editor** screen appears.




From this screen, you can begin a new project or manage your existing projects.

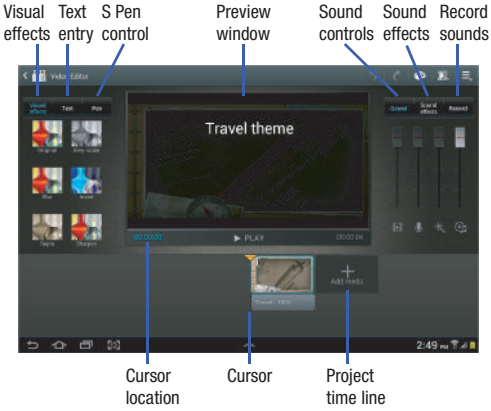
- When you touch the **New project** frame, the **Select theme** screen appears.
- When you drag the **New project** frame from right to left, you scroll through your existing projects. To review or change a project, touch its frame.

## *Composing a Project*

### Selecting a Theme

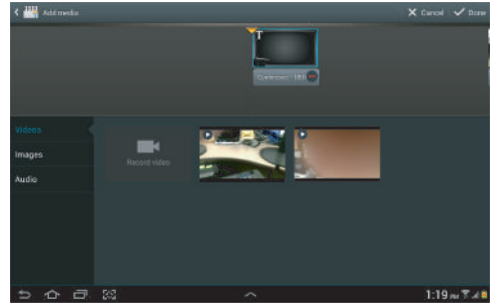
1. From the **Select theme** screen, drag the **None** frame to the left to view the available theme frames:
   - **None**
   - **Home video**
   - **Party**
   - **Travel**
   - **Conference**
   - **Movie**
   - **Stage**
2. To select a frame, center it in **Select theme** screen, then touch the centered frame. The **Video Editor** screen will then appear with your selected theme as the starting frame of your project.

**Note:** Video Editor includes Theme music selections to match the Theme frames. (For more information, refer to *"Adding Media"* on page 108.)




## Adding Media

1. From the **Video Editor** screen, touch **Add media** in the project time line. The **Add media** screen appears.




2. To record one or more new videos to include in your project, touch **Videos**, then touch **Record video**.
3. To select an existing video, displayed as a thumbnail in this screen, touch **Videos**, then touch the video thumbnail. A default transition and the selected video are added to the project time line.

4. To add photos and/or graphic images to your project, touch **Images** and select the desired source folder and image(s).
5. To add downloaded music, pre-recorded music or sounds, or pre-loaded Theme music to your project, touch **Audio**, then select the desired source folder and music or sound file(s).
6. When you finish adding media, touch **Done**. You are returned to the **Video Editor** screen.
7. To preview your project, touch **PLAY**. To stop playing your project, touch the preview screen.
8. Edit your project as needed. (For more information, refer to *"Editing a Project"* on page 109.)
9. To complete your project, touch **Menu**, the following options are available:
   - **Save**: Store this project in Video Editor for later editing or re-use.
   - **Export**: Generate an MP4 video version of this project.
   - **Share via**: Share copies of this project using Bluetooth, ChatON, Dropbox, Email, Gmail, Google+, Picasa, S Note, Wi-Fi Direct, or YouTube.

## *Editing a Project*

Using Video Editor's editing options, you can remove unwanted portions of a project, change its color balance, add formatted text, hand drawings made with the S Pen, and add sound effects and new sound recordings.

### Changing the theme frame

The Theme provides a titling frame and a border for all or portions of your video project.

1. From the **Video Editor** screen, touch . The **Change theme** pop-up appears.
2. Touch the desired Theme frame. You are prompted to verify the change.
3. To make the change, touch **OK**.

### Adding Visual effects

1. From the **Video Editor** screen, touch **Visual effects**. A matrix of nine Visual effects options appears.
2. Drag the timeline to the image or video you wish to change.
3. Touch the desired Visual effect to apply it to the selected image or video.

### Adding Formatted Text

1. From the **Video Editor** screen, touch **Text**. A list of five formatted Text options appears.
2. Drag the timeline to the frame where you wish to add text. A text box outline appears.
3. In the Text options list, touch the desired Text format. A text box outline appears.
4. Touch inside the text box. A keyboard appears at the bottom of the screen.
5. Enter the desired text. (For more information, refer to *"Entering Text"* on page 47.)
6. When you complete this text entry, touch **Done**. The text box outline and the keyboard disappear.

### Adding S Pen Drawings and Handwriting

1. From the **Video Editor** screen, drag the timeline to the frame where you wish to add a drawing or handwriting.
2. Touch **Pen**. The Pen options appear.
3. Remove the S Pen from its storage slot. (For more information, refer to *"Removing the S Pen From Your Tablet"* on page 23.)
4. To add a drawing or handwriting to the selected frame, touch **Drawing**. The **Drawing** screen appears containing an enlarged image of the selected frame.
5. To set the Pen drawing drawing tool type, line thickness, and color, touch .
6. To set the Pen to erase drawing lines, touch .
7. When you complete your drawing or handwriting, touch **Done**.

### Changing transition effects

1. From the **Video Editor** screen, drag the timeline to the transition point you wish to change.
2. Touch the current transition point. A pop-up appears containing the following transition options:

Cut

Disolve

Interlace

Tumbler Wipe

Pixelation

Segmented Wipe

Transposition

Zoom In Wipe

Pinwheel Wipe

Horizontal Wipe

3. Touch the desired transition.

### Automatic Editing

Using the Video Editor's Auto edit feature, you can generate a "draft" version of a project by letting Auto edit insert default transitions and remove long, repetitious sequences from your project.

**Note:** After Auto editing a project, you cannot manually edit the image content. You can, however,

1. After you add content to a project, touch **Done** to return to the **Video Editor** screen.
2. Touch **Auto edit**. An **Auto edit** pop-up appears explaining Auto edit functions.
3. To block this pop-up in the future, touch **Never show again**. A check mark appears in the check box.
4. To close the pop-up, touch **OK**. Auto edit proceeds to edit your project.
5. After auto editing your project, you can change the transitions, as needed. (For more information, refer to *"Changing transition effects"* on page 111.)

# Section 7: Connections

This section describes the various connections your device can make including accessing the Internet with your Browser, Wi-Fi, Bluetooth, and Connecting to your PC.

## Internet

The **Internet** browser is your access to the mobile web. This section explains how to navigate Internet and introduces you to the basic features.

### *Accessing the Web*

Your device is equipped with a full HTML Browser that allows you to access the Internet.

**Tip:** By default, an **Internet** shortcut appears on the Home screen.

- From the Home screen, touch **Internet**.

  – or –

  From a Home screen panel, touch **Apps** ➔ **Internet**.

  The Most visited screen displays.

### *Navigating the Internet*

The following options are available for Internet navigation.

#### Command Keys

- Touch **Back** or to return to the previous page.
- Touch and hold **Back** to display browser History. (For more information, refer to *"Accessing Bookmarks and History"* on page 115.)

- Touch **Forward** to go forward to a recent page.
- Touch **Refresh** to reload the current page.

### Touching and Dragging

- Touch and drag your finger on the screen to navigate pages and to reposition pages within the screen.

### Entering Text in a Field

- While browsing, touch a text field to display the virtual QWERTY keyboard to enter text.

### Zoom

- Tap the screen twice to zoom in or out.
- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out.

**Tip:** For convenient browsing, you can rotate the device to landscape mode.

### Selecting Items On a Page

While browsing, use gestures and menus to navigate:

- Touch an item to select it.
- Touch a hyperlink to follow the link.
- Touch and hold on a hyperlink for these options:
  - **Open**: Open the linked page.
  - **Open in new window**: Open a new window to display the linked page.
  - **Save link**: Save the linked page to Download history.
  - **Copy link URL**: Save the link's URL to the clipboard.
  - **Select text**: Copy the link text to the clipboard.
- Touch and hold an image for the additional options:
  - **Save image**: Download an image. View downloaded images in Gallery.
  - **Copy image**: Copy an image to the clipboard.
  - **View image**: View the image source.
  - **Set as wallpaper**: Use the image as your home screen wallpaper.

## Using Browser Windows

You can have multiple windows open at one time and easily switch between windows.

1. From the Home screen, touch **Internet**.
2. To open a new window, touch at the top of the screen.
3. To switch to another open window, touch its tab at the top of the screen.
4. To delete an open window, touch the tab at the top of the screen, and then touch .

## Entering a URL

Access a website quickly by entering the URL.

1. From the Home screen, touch **Internet**.
2. Touch the **URL** field at the top of the screen, then enter the URL using the virtual QWERTY keyboard.

   As you enter characters, potential matches display.

**Note:** Use the **Delete** key to clear the URL field, if necessary.

3. Touch a match to complete the URL.

   – or –

   Continue entering characters and touch the **Go** key to load the page.

## Copying Fields or Text

Copy information from a webpage to the clipboard for pasting, searching, or sharing.

### Selecting, Copying, and Pasting Text

1. From the Home screen, touch **Internet**.
2. Browse to a webpage.
3. On the webpage, touch and hold on the text until you see the text you want highlighted, then stop touching the screen.

   The text is highlighted.
4. Touch and drag the tabs to the left or right to select more or less text.
5. Touch **Copy** at the top of the screen to copy the selected text or touch **Done** to stop.
6. To paste the copied text, navigate to the desired field (or to another application), then touch and hold in a text field and touch **Paste** in the pop-up.

### Copying and Pasting a Hyperlink or URL

1. From the Home screen, touch **Internet**.
2. Browse to a webpage.
3. Touch and hold on the link or URL, then touch **Copy link URL** on the pop-up menu.
4. To paste the copied link or URL, navigate to the desired field (or to another application), then touch and hold in a text field and touch **Paste** on the pop-up menu.

## *Using Bookmarks*

While browsing, bookmark a site to quickly access it later.

### Creating a bookmark

1. From the Home screen, touch **Internet**.
2. Browse to a website, then touch **Add bookmark**.
   The **Add bookmark** pop-up appears. Confirm the **Name** and URL **Address** for the bookmark.
3. In the **Account** field, select the account to which to store the bookmark.
4. In the **Folder** field, touch the drop-down menu, and touch **Homescreen**, **Bookmarks**, or **Other folder**.
5. Touch **OK** to save the bookmark.
   A gold star displays on the Bookmarked page.

### Accessing Bookmarks and History

Launch a bookmarked page or reload recent pages.

1. From the Home screen, touch **Internet**.
2. Touch **Bookmarks**, **History**, and **Saved pages**.
3. On the **Bookmarks** tab, use these options:
   - Touch a bookmark to load the page.
   - Touch and hold on a bookmark for these options:
     - **Open**: Open the bookmarked page.
     - **Open in new tab**: Open the linked page in a new window.
     - **Edit bookmark**: Make changes to the bookmark description.
     - **Add shortcut**: Create a bookmark on the Home screen.
     - **Share link**: Use Bluetooth, ChatON, Dropbox, Email, Gmail, Google+, S Note, or Wi-Fi Direct to send the link.
     - **Copy link URL**: Save the link's URL to the clipboard.
     - **Delete bookmark**: Remove the bookmark.
     - **Set as homepage**: Assign the bookmarked link as the home page.

4. On the **History** tab, touch **Today**, **Yesterday**, **Last 7 days**, **Last month**, **Older**, or **Most visited** to use these options:
   - Touch a page to reload it.
   - Touch the ★ next to a page to bookmark it. Touch a gold star ★ next to a page to remove the bookmark.
   - Touch and hold on a page for these options:
     - **Open**: Open the webpage.
     - **Open in new tab**: Launch the webpage in a new window.
     - **Add bookmark** / **Delete from Bookmarks**: Bookmark the page or remove the bookmark for this page.
     - **Share link**: Use Bluetooth, ChatON, Dropbox, Email, Gmail, Google+, S Note, or Wi-Fi Direct to send the link.
     - **Copy link URL**: Save the link's URL to the clipboard.
     - **Delete from history**: Remove the record of this page.
     - **Set as homepage**: Assign the bookmarked link as the home page.
5. On the **Saved pages** tab, use these options:
   - Touch a page to reload it.
   - Touch and hold on a page and then touch **Delete from saved pages** to remove the page from Saved pages.

### *Browser Menu*

While viewing a webpage, touch **Menu** for the following options:

- **Home**: Display the Home page.
- **New tab**: Open the webpage in a new window, under a new tab.
- **New incognito tab**: Open the webpage in a new window, under a new tab, and the pages you view in the new window will not appear in your browser history or search history. See the on-screen explanation of ***going incognito***.
- **Add shortcut**: Add the URL for this webpage as a shortcut on the first home screen.
- **Share page**: Use Bluetooth, ChatON, Dropbox, Email, Gmail, Google+, S Note, or Wi-Fi Direct to send the webpage URL.
- **Find on page**: Search for content on the current page.
- **Desktop view**: Your browser displays a website in a modified format that makes it easier to read. Desktop view displays a website the same way it would appear on a PC.
- **Save for offline reading**: Saves the webpage so you can read it later even when offline.
- **Downloads**: View and manage recent downloads.

- **Print**: Print the current screen or page to a Samsung printer.
- **Settings**: Configure web settings. For more information, refer to *"Browser Settings"* on page 117

## Browser Settings

Use the browser settings to customize the browser.

1. From the Home screen, touch **Internet**.
2. While viewing a webpage, touch **Menu** ➔ **Settings**. Customize the Browser by using the following options:

**General**

- **Set home page**: View and set the default first page that displays when you launch the Browser.
- **Form auto-fill**: Enable or disable form auto-fill to complete Web forms with a single click.
- **Auto-fill text**: If **Form auto-fill** is enabled, set up the following information:
  - **Full name**: Enter your name.
  - **Company name**: Enter a company name.
  - **Address line 1**: Enter your address.
  - **Address line 2**: Enter any additional address information.
  - **City/Town**: Enter your city and town.
  - **State**: Enter your state.
  - **Postcode**: Enter your ZIP code.
  - **Country**: Enter your country.
  - **Phone**: Enter your telephone number.
  - **Email**: Enter a valid email address.

**Privacy and security**

- **Clear cache**: Delete content and databases stored on the device.
- **Clear history**: Delete the list of previously-visited pages.
- **Show security warnings**: When enabled, the Browser warns you if there is a problem with a site's security.
- **Accept cookies**: When enabled, allows Browser to save and read cookie information used by webpages.
- **Clear all cookie data**: Delete cookie information saved to the device.
- **Remember form data**: When enabled, stores information you enter into forms to make future forms easier.
- **Clear form data**: Deletes saved form information.
- **Enable location**: When enabled, sites you visit can request access to your location.
- **Clear location access**: Clear location access for all websites.

- **Remember passwords**: When enabled, saves user names and passwords for sites you visit, to make future visits easier.
- **Clear passwords**: Clear all saved user names and passwords.
- **Enable notifications**: Set web notifications access information as Always on, On demand, or Off.
- **Clear notifications**: Remove web notification access information.

**Accessibility**

- **Force zoom**: Override the website's request to control zoom.
- **Text size**: Use the Preview field and the following controls to configure text size:
  - **Scale text up and down**: Scale the text size up or down using a slider bar.
  - **Zoom amount on double tap**: Set how much to zoom when you double-tap the screen, from 175 to 225 percent.
  - **Minimum font size**: Set the minimum font size, which can range from 1 point to 24 points.
- **Inverted screen rendering**: Use the Preview screen and the following controls to configure inverted screen rendering:
  - **Inverted rendering**: Enable the display of websites with inverted colors – black becomes white and vice versa.
  - **Contrast**: If Inverted rendering is enabled, use this slider to set the contrast, which can range from 100 to 300 percent.

**Advanced**

- **Select search engine**: Choose a search engine from Google, Yahoo!, or Bing.
- **Open in background**: When enabled, new windows open behind the current window.
- **Enable JavaScript**: When enabled, the Browser automatically runs JavaScript scripts on pages you visit.
- **Enable plug-ins**: When enabled, the Browser automatically loads and runs plug-ins on pages you visit.
- **Default storage**: Select where Browser stores files.
- **Website settings**: View and manage settings for individual websites.

- **Default zoom**: Adjusts the zoom feature. Set to Far, Medium, or Close.
- **Open pages in overview**: When enabled, displays an overview of newly-opened pages.
- **Auto-fit pages**: When enabled, the browser automatically sizes webpages to fit your device's display.
- **Block pop-ups**: When enabled, blocks pop-up windows.
- **Text encoding**: Choose a default character set for webpages.
- **Reset to default:** Clear all browser data and reset all settings to the factory defaults.

**Bandwidth management**

- **Preload search results**: Enable the browser to preload high confidence search results in the background to help speed up searches. Options are: Never, Only on Wi-Fi, or Always.
- **Page preloading**: Enable the browser to preload web pages in the background to help speed up browsing. Options are: Never, Only on Wi-Fi, or Always.
- **Load images**: When enabled, images are automatically loaded when you visit a page. When disabled, images are indicated by a link, which you can touch to download the picture.

**Labs**

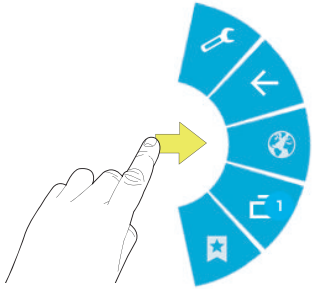
- **Quick controls**: When enabled, the Application and URL bars are hidden. To access the hidden controls, swipe inward from the left or right edge of the screen to access Quick Controls. (For more information, refer to *"Browser Quick Controls"* on page 120.)

### *Browser Quick Controls*

Use Quick Controls to maximize your viewing area while browsing the Internet.

1. From the Home screen, touch **Internet**.
2. While viewing a webpage, touch **Menu** ➔ **Settings** ➔ **Labs**, and then touch **Quick Controls** to enable the function.

   The Application and URL bars are hidden.
3. Swipe inward from the left or right edge of the screen to access quick controls.



4. Without lifting your finger, move to an option and then lift your finger to initiate the option.
5. To cancel, display the Quick controls and touch **Menu** ➔ **Settings** ➔ **Labs** and touch **Quick controls** to uncheck it.

## Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks. Use your device's Wi-Fi feature to:

- Access the Internet for browsing or to send and receive email.
- Access your corporate network.
- Use hotspots provided by hotels or airports while traveling.

Wi-Fi communication requires access to an existing Wireless Access Point (WAP). WAPs can be Open (unsecured, as with most hotspots) or Secured (requiring you to provide login credentials). Your device supports the 802.11 b/g/n Wi-Fi protocol.

### *Configuring Wi-Fi Settings*

For information about configuring your device's Wi-Fi settings, see *"Wi-Fi"* on page 171.

### *Finding Wi-Fi Networks*

You can have your device automatically notify you of available networks. (For more information, refer to *"Wi-Fi Settings"* on page 171)

### *Turning Wi-Fi On or Off*

Turn your device's Wi-Fi service on or off. When you turn Wi-Fi service on, your device automatically searches for available, in-range WAPs (Wireless Access Points).

#### Turning Wi-Fi On

1. From any screen, touch the Time in the Status Bar. The Status Details displays.
2. Touch **Wi-Fi** to turn Wi-Fi On.

#### Turning Wi-Fi Off

1. From any screen, touch the Time in the Status Bar. The Status Details displays.
2. Touch **Wi-Fi** to turn Wi-Fi Off.

### *Scanning and Connecting to a Wi-Fi Network*

When you turn on Wi-Fi, your device searches for available Wi-Fi connections, then displays them on screen.

1. From any screen, touch the Time in the Status Bar. The Status Details displays.
2. Touch **Wi-Fi** to turn Wi-Fi On. Your device automatically scans for available Wireless Access Points.
3. When the scan is complete, touch a Wi-Fi network to connect. If the Wi-Fi network is open, your device automatically connects. If the Wi-Fi network is secured, enter the password at the prompt to connect.

### *Adding a Wi-Fi Network Manually*

1. From a Home screen, touch **Apps** ➔ **Settings.**
2. Under **Wireless and network**, on the Wi-Fi tab, touch the **OFF / ON** icon to turn Wi-Fi on.
3. Touch **Add Wi-Fi network**, then enter network information:
   - **Network SSID**: Enter the name of the Wi-Fi Wireless Access Point (WAP).
   - **Security**: Select the type of security used by the WAP.

**Note:** Depending on the Security protocol used by the WAP, additional network information may be required, such as a Password.

   - **Password**: If the WAP is secured, enter the password or hex key.
4. Touch **Save** to save the settings.

## Wi-Fi Direct

Using Wi-Fi Direct you can establish direct, device-to-device Wi-Fi connections, allowing you to share files at Wi-Fi speeds and without using a Wi-Fi network hotspot.

1. From any screen, touch the Time in the Status Bar. The Status Details displays.
2. Touch **Wi-Fi** to turn Wi-Fi On.
3. Touch **Settings** ➔ **Wi-Fi** ➔ **Wi-Fi Direct**. The Wi-Fi Direct settings menu appears in the right hand column.
4. In the **Available devices** list, touch a device to establish a connection and follow the prompts to complete the connection.
5. Touch **Multi-connect** to create a connection to devices that support multi-connect. Touch **Scan** to search for available mult-connect devices, then touch the devices you want to connect to and follow the prompts to complete the connection.

# Bluetooth

Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet.

You don't need to line up the devices to send information with Bluetooth. If the devices are in range, you can exchange information between them, even if they are in different rooms.

## *Configuring Bluetooth Settings*

Configure your tablet's Bluetooth settings (see *"Bluetooth settings"* on page 174).

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**Note:** Bluetooth profiles are specifications for services supported by individual devices.

(For a list of profiles your tablet supports, see *"Bluetooth profiles"* on page 173.)

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## *Turning Bluetooth On or Off*

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**Note:** When Bluetooth is on, the **Bluetooth** icon displays in the Status Bar.

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To turn Bluetooth on or off:

1. From a Home screen, touch the Time display in the System Bar, in the bottom right corner of the screen.

   The Quick Settings and Notifications pop-up appears.

   - Touch **Bluetooth** to turn Bluetooth On.
   - Touch **Bluetooth** to turn Bluetooth Off.

   – or –

2. From a Home screen, touch **Apps** ➔ **Settings**

   Under **Wireless and network**:

   - Touch Bluetooth OFF to turn Bluetooth On.
   - Touch Bluetooth ON to turn Bluetooth Off.

### *Connecting with a Bluetooth Device*

Search for a Bluetooth device, pair with it, and connect with it to exchange information between your device and the target device.

**Tip:** After pairing, your device and the target device can recognize each other, connect, and exchange information without having to enter a passcode or PIN.

1. Turn Bluetooth on. (See *"Turning Bluetooth On or Off"* on page 123.)
2. Enable the target device's discoverable or visible mode.
3. Touch the **Bluetooth** tab, then touch **Scan**.
   To stop scanning at any time, touch **Stop**.
4. From the **Available devices** list, touch the target device, then follow the prompts to complete the pairing:
   - If the target device requires a PIN, enter a PIN for the target device and touch **OK**. When prompted, enter the PIN on the target device.
   - If the device allows automatic or smart pairing, your device attempts to pair with the device automatically. Follow the prompts on your device and the target device to complete the pairing and connection.
5. Once your tablet is paired with the target device, touch **Settings**, beside the device name in the **Paired devices** list, to access the following options:
   - Touch **Rename** to change the named of the paired device.
   - Touch **Unpair** to unpair from the paired device.
   - Touch other options under **Profiles** as required.

### *Disconnecting a Paired Device*

Disconnecting a paired device breaks the connection between the device and your tablet, but retains the pairing information. At a later point, when you wish to reconnect with the device, there is no need to repeat the pairing process.

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Touch the **Bluetooth** tab.
3. In the **Paired devices** list, Touch a connected device. (The device name appears blue and bold-faced.)

   A **Disconnect?** pop-up appears.
4. Touch **OK**.

**Note:** Disconnections from devices such as headsets and hands-free car kits are done manually, but disconnections and reconnections often occur automatically if the paired device is phone, tablet, or personal computer.

### *Deleting a Paired Device (Unpair)*

Deleting a device from your Paired devices list removes its connection record. Once a device is unpaired, reconnection requires that you enter all the previous pairing information.

1. Turn Bluetooth on. (For more information, refer to *"Turning Bluetooth On or Off"* on page 123.)
2. Touch next to the paired device name.
3. Touch **Unpair** to unpair the paired device.

### *Sharing Data with a Bluetooth Device*

To send data to a Bluetooth device:

1. Select a file or item from an appropriate application.
2. Select an option for sharing data with the Bluetooth feature.

**Note:** The method for selecting an option may vary by data type.

3. Search for and pair with a Bluetooth device. (For more information, refer to *"Connecting with a Bluetooth Device"* on page 124.)

### *Receiving Data from a Bluetooth Device*

To receive data from a Bluetooth device:

1. Turn Bluetooth on. (For more information, refer to *"Turning Bluetooth On or Off"* on page 123.)

**Note:** To select the length of time that your device will be visible, select **Menu** ➔ **Visibility timeout**.

2. Pair with the Bluetooth device from which you want to receive data. (For more information, refer to *"Connecting with a Bluetooth Device"* on page 124.)

   A Bluetooth authorization request pop-up displays when a Bluetooth device sends data to your device.
3. Select **Accept** to confirm that you are willing to receive data.

   A File received message displays.

Received data is saved to the Bluetooth folder. If you receive a contact, it is saved to your contacts automatically.

## Portable Wi-Fi Hotspot

Use Portable Wi-Fi Hotspot to share your tablet's Internet connection with a PC or other device through Wi-Fi, using your tablet as the mobile hotspot.

**Note:** Portable Wi-Fi Hotspot requires a subscription to the applicable service to use the application.

Portable Wi-Fi Hotspot consumes battery power and uses data service. While the Portable Wi-Fi Hotspot is active, your tablet's applications will use the Portable Wi-Fi Hotspot data feature allowance.

### *Configuring Portable Wi-Fi Hotspot Settings*

Configure your tablet's Portable Wi-Fi Hotspot settings, including your tablet's name and password, and set the visibility of your tablet's Wi-Fi hotspot.

**Tip:** By default, your device's mobile hotspot has no security applied, and any device can connect.

For more information about configuring your mobile hotspot, see *"Portable Wi-Fi Hotspot"* on page 178.

### *Activating Portable Wi-Fi Hotspot*

Activate your tablet's Portable Wi-Fi Hotspot application to allow other devices to use your tablet's internet connection.

1. From a Home screen, touch **Apps** ➔ **Settings**. The **Settings** screen appears.
2. Under **Wireless and network**, touch **More settings** ➔ **Tethering and portable hotspot** ➔ **Portable Wi-Fi hotspot**.
3. Touch **Portable Wi-Fi hotspot** OFF and follow the prompts to turn Portable Wi-Fi Hotspot On.

### *Connecting a Device via Portable Wi-Fi Hotspot*

Use the other device's Wi-Fi control to connect to your tablet's Portable Wi-Fi Hotspot.

1. Activate Portable Wi-Fi Hotspot on your tablet. (For more information, see *"Activating Portable Wi-Fi Hotspot"* on page 127.)
2. Activate Wi-Fi on the other device, using that device's Wi-Fi control.
3. Scan for Wi-Fi hotspots, and select your tablet from the list. (To find your tablet's name, see *"Configuring Portable Wi-Fi Hotspot"* on page 179.)
4. At the prompt, enter your tablet's Portable Wi-Fi Hotspot password.

   By default, the password is your tablet's telephone number. (For information on changing your tablet's Portable Wi-Fi Hotspot password, see *"Configuring Portable Wi-Fi Hotspot"* on page 179.)

## Tethering

Use Tethering to share your tablet's internet connection with a computer connected to your device using the USB data/charging cable.

(For more information about **USB tethering**, touch **Help** on the **Tethering and portable hotspot** screen.)

1. From a Home screen, touch **Apps** ➔ **Settings**. The **Settings** screen appears.
2. From the **Settings** screen, under **Wireless and network**, touch **More settings** ➔ **Tethering and portable hotspot** . The **Tethering and portable hotspot** screen appears.
3. Connect the computer to the phone with the USB data/charging cable.
4. Touch **USB tethering** to turn tethering On or Off. When On, a check mark appears in the check box.

**Note:** Using Tethering requires a subscription to your Wireless Provider's mobile data service.

## VPN

You can use your phone's VPN (Virtual Private Network) feature to connect to VPNs.

### *Configuring VPN Settings*

For information about configuring your phone's VPN settings, see *"VPN"* on page 180.

### *Accessing a VPN*

1. From a Home screen, touch **Apps** ➔ **Settings**. The **Settings** screen appears.
2. Under **Wireless and network**, touch **More settings** ➔ **VPN**. The **VPN** screen appears, listing available VPN connections.
3. Touch a VPN and follow any prompts to access the network.

## Nearby devices

Share files with nearby DLNA certified devices over Wi-Fi. (For information on configuring Nearby devices, see *"Nearby devices"* on page 181.)

**Note:** To use Nearby devices for sharing, you must have set up a connection with another Wi-Fi device that supports DLNA.

1. Connect your phone and another DLNA certified device to the same Wi-Fi network. (For more information, refer to *"Wi-Fi"* on page 120.)
2. From a Home screen, touch **Apps** ➔ **Settings**. The **Settings** screen appears.
3. Under **Wireless and network**, touch **More settings** ➔ **Nearby devices**. The **Nearby devices** screen appears.
4. Touch **File sharing** to enable or disagle file sharing via DLNA. When enabled, a check mark appears in the check box.

## AllShare Cast

AllShare Cast lets your phone share the contents of its display with other Digital Living Network Alliance (DLNA) certified devices, such as Smart televisions.

**Note:** To view more information about DLNA certified products visit http://www.dlna.org/home.

1. Connect your phone and another DLNA certified device to the same Wi-Fi network. (For more information, refer to *"Wi-Fi"* on page 120.)
2. From a Home screen, touch **Apps** ➔ **Settings**. The **Settings** screen appears.
3. Under **Wireless and network**, touch **More settings** . The **Wireless and networks** screen appears.
4. Touch **AllShare Cast**. The **AllShare Cast** screen appears with **AllShare Cast** already active and begins scanning for available devices. All detected DLNA certified devices are listed under **Available devices**.
5. Touch the desired device to establish a connection. You can now view the contents of your phone's display on the connected device.

## Kies Via Wi-Fi

Samsung Kies is a software that enables you to update your device firmware, synchronize files, and transfer data to and from your device directly by connecting to the PC.

**Note:** Some features will be supported through the System Updates feature in the future. (For more information, refer to *"Software Update"* on page 218.)

To learn more about Samsung Kies and Samsung applications, browse featured applications and download Kies at: http://www.samsung.com/us/support/downloads.

**Note:** Samsung Kies works on both PC and Macintosh computers.

### *Connecting With Samsung Kies*

1. Install Samsung Kies software on your PC.

**Warning!** Close any running applications before connecting your device to a PC.

2. Run Samsung Kies.
3. From a Home screen, touch **Apps** ➔ **Settings**. The **Settings** screen appears.
4. Touch **More settings** ➔ **Kies via Wi-Fi**.
   Select the source of the Wi-Fi connection for Kies air.
5. Follow the prompts from Kies to update your device firmware.
6. Refer to Samsung Kies Help for more information.

## Managing Downloads

Files, apps, and other items you download in Browser, Gmail, Email, or in other ways, are stored on your tablet's internal storage. You can use the Downloads app to view, reopen, or delete what you have downloaded.

To manage the demands on their networks or to help you avoid unexpected charges, some mobile networks place restrictions on the size of the files you can download. When you are connected to such networks, and you try to download an oversized-file, you are asked or required to delay downloading the file until the next time you are connected to a Wi-Fi network. At that time, the download resumes automatically. The Downloads app can also be used to view and manage these queued files.

Downloaded files are stored in the Download directory in your tablet's internal storage. You can view and copy files from this directory when connected to a computer with a USB cable.

### *Uninstalling an App*

Some apps come pre-installed on your device, and you can download additional apps using Play Store. If you decide to, you can uninstall apps you downloaded from Play Store and other sources.

There are several ways to uninstall an app:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Application manager**.
2. Touch the **DOWNLOADED** tab.
3. Touch the app you want to uninstall.
4. Touch the **Uninstall** button.

   A pop-up displays the message **Application will be uninstalled**.
5. Touch **OK** to confirm you want to uninstall the app.

You can also use Play Store to uninstall apps you downloaded from there (see *"Play Store"* on page 158).

**Tip:** To uninstall updates to pre-installed apps, touch the app and touch **Uninstall updates**. A pop-up displays the message **All updates to this Android system app will be uninstalled**. Touch **OK** to uninstall the updates.

To uninstall an app from the Apps screen:

1. From a Home screen, touch **Apps**.
2. Touch **Menu** ➔ **Downloaded applications**.
   The Downloaded applications screen displays.
3. Touch **Menu** ➔ **Uninstall**.
   A appears on Apps that can be uninstalled.
4. Touch an app's icon and then touch **OK** to uninstall and remove the app from your tablet.

**Note:** You cannot uninstall the apps that are included with Android. You can only uninstall the apps you have downloaded.

## Synchronizing with Windows Media Player

Ensure that Windows Media Player is installed on your PC.

1. Attach your device to the computer with the USB cable.
   Your computer recognizes the connection and displays the AutoPlay screen.
2. Click the option to **Sync digital media files to this device** to synchronize music files.
3. Select and drag the music files you want to the sync list and begin synchronizing.
4. When finished, exit Windows Media Player and disconnect the USB cable.

## Connecting as a Mass Storage Device

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in the device, you can also access the files directory from the memory card by using the device as a memory card reader.

**Note:** The file directory of the memory card displays as folder **Card**, separate from the internal memory, which is folder **Tablet**.

1. Insert a memory card into the device to transfer files from or to the memory card.
2. Attach your device to the computer with the USB cable. Your computer recognizes the connection and displays the AutoPlay screen.
3. Click the option to **Open device to view files**. You should see a Card and a Tablet folder.
4. Copy files from the PC to the memory card (Card folder).
5. When finished, close the PC folder and disconnect the USB cable.

## Memory Card

Your device supports removable microSD™ or microSDHC™ memory cards for storing music, photos, videos, and files.

### *Installing and Removing a Memory Card*

For more information about installing and removing a memory card, see *"Memory Card"* on page 15.

**Important!** To prevent damage to information stored on the memory card, always unmount the card before removing it from the device.

## *Formatting a Memory Card*

Formatting erases all content from the memory card and prepares it for use with your device.

### Formatting a Memory Card Using Your Device

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Storage**.
2. After mounting the SD card, touch **Format SD card**.
3. Follow the prompts to confirm the formatting of the card.

### Formatting a Memory Card Using Your Computer

Consult your computer and/or memory card reader documentation for information about formatting memory cards.

# Section 8: Applications and Widgets

This section contains a description of the function of each application and widget pre-loaded on your tablet and available on the **Apps** and **Widgets** screens and the Multi window tray, and how to launch the applications.

For instructions on how to access the widgets by adding them to a Home screen panel, see *"Adding Widgets to a Home screen"* on page 41.

**Tip:** To open applications quickly, add their shortcuts to frequently-used applications to one of the Home screens. (For details, see *"App Shortcuts"* on page 40.)

This section also provides information on how to navigate through Samsung-provided applications. If the application is already described in another section of this user manual, a cross reference to that particular section is provided.

**Tip:** For information on applications and widgets provided by your Wireless Provider or a Third Party, follow the on-screen prompts or contact your Wireless Provider.

## Apps Screen

The **Apps** screen displays all applications installed on your wireless device. Applications that you download and install from Google Play™ Store, from Samsung Apps, or from the web are also added to a Home screen panel.

### *Accessing the Apps Screen*

1. From a Home screen, touch **Apps** ➔ **Apps** tab (at the top of the **Apps** screen.

### *Changing the Apps Screen*

The Apps icons are arranged in a **Customizable grid**.

To arrange the Apps icons in alphabetical order:

1. From a Home screen, touch **Apps** ➔ **Apps** tab.
2. Touch **Menu** ➔ **View type**.
3. Touch **Alphabetical grid**.

**To manually change the order of the icons on the Apps screen:**

1. From a Home screen, touch **Apps** ➔ **Apps** tab.
2. Touch **Menu** ➔ **View type** ➔ **Customizable grid**.
3. Touch **Menu** ➔ **Edit**.
4. Touch and hold an icon and drag it to a new position.
5. Touch **Save** to save the changes.

**Tip:** You can place shortcuts to applications on the Home screen panels for quick access to the applications. (For more information, refer to *"App Shortcuts"* on page 40.)

**To view your downloaded applications:**

1. From a Home screen, touch **Apps** ➔ **Apps** tab.
2. Touch **Menu** ➔ **Downloaded applications**.
3. Touch an icon on the **Downloaded applications** screen to launch the application.

   – or –

   Add an App Shortcut to a Home screen by dragging the App icon onto the Home Screen. (For more information, refer to *"App Shortcuts"* on page 40.)

## Application Information

To view information about an App, such as the amount of storage it uses, force the App to stop, uninstall updates, and clear data:

1. From a Home screen, touch **Apps** ➔ **Apps** tab ➔ **Settings** ➔ **Application manager**.
2. Touch the **All** tab, scroll through the apps list, and touch the app to open a screen with details about the App.

## Update Available

When you open an application that is preloaded on your device, an **Update Available** message may be displayed if there is a new version of the app available.

- Touch **Upgrade** to update the app or touch **Not Now** to open the app without updating.

  (For more information, refer to *"Updates to Downloaded Apps"* on page 158.)

## Downloading Additional Apps

You can locate and download additional apps onto your tablet using **Samsung Apps** (see *"Samsung Apps"* on page 162), **Game Hub** (see *"Game Hub"* on page 149), **Play Store** (see *"Play Store"* on page 158), or the **Internet** browser (see *"Internet"* on page 151 and *"Internet"* on page 112).

## GPS Applications

GPS applications allow you to achieve real-time, GPS-enabled, turn-by-turn navigation and to access local searches based on a variety of category parameters.

To receive better GPS signals, avoid using your device in the following conditions:

- inside a building or between buildings
- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows

Global GPS turn-by-turn navigation, mapping, and Point of Interest content is available for three continents, including North America (U.S., Canada, and Mexico), Western Europe, and China, where wireless coverage is available.

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**Important!** If you touch or cover the internal GPS antenna while using GPS services, it may impede the GPS signal resulting in the GPS services not working in an optimal manner. Refer to the following diagram to locate the approximate location of the internal GPS antenna.

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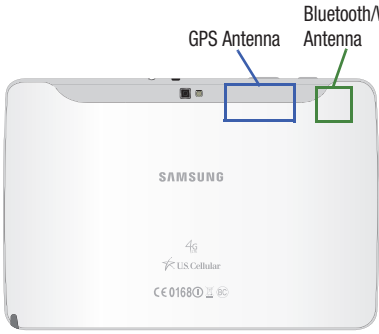
**Location of Internal Antennas**




(Back view of device)

## *Alarm*

Set alarms for reminders or for wake-up times. You can be reminded or awakened by your tablet playing a melody, vibrating, or reading a briefing of the current time, your daily schedule, weather information, and news headlines.

### Adding and Configuring Alarms

1. From the **Apps** screen, touch **Alarm**.
2. Touch **Create alarm** or touch an alarm that is already set.
3. Touch fields to configure the alarm:
   - **Set time**: Set a time for the alarm to sound. Touch the buttons above or below the hour and minute, and above **AM** / **PM**.
   - **Alarm repeat**: Choose days for the alarm to repeat. Alarm days are blue.
   - **Repeat weekly**: Set the alarm to repeat at the same time every week.
   - **Alarm type**: Select whether your device plays a Melody, Vibration, Vibration and melody, Briefing (reads alarm time, today's schedule, weather information, and news headlines).
   - **Volume**: Touch and drag the slider to set alarm volume.
   - **Alarm tone**: Choose a tone for the alarm to play.

- **Snooze**: Enable or disable the snooze option for the alarm. If enabled, set the following options:
  - **Interval**: Set the snooze duration to 3, 5, 10, 15, or 30 minutes.
  - **Repeat**: Set the snooze to repeat 1, 2, 3, 5, or 10 times.
- **Smart alarm**: Activates simulated nature sounds prior to the main alarm. If enabled, set the following options:
  - **Interval**: Set the duration to 3, 5, 10, 15, or 30 minutes.
  - **Tone**: Set the Smart alarm tone.
- **Name**: Touch the field and use the keyboard to enter a name for the alarm.

4. Touch **Save** to save the alarm.

   The main **Alarm** screen displays listing the new or updated alarm.

### Activating Alarms

1. From the **Apps** screen, touch **Alarm**.
2. Touch **Turn alarm on** to activate the alarm. A gray alarm icon means the alarm is deactivated.
3. Touch an alarm to change any of its settings and then touch **Save** to save the updates.

### Editing and Deleting Alarms

1. From the **Apps** screen, touch **Alarm**.
2. Touch and hold an alarm and then touch one of the following options:
   - **Edit**: Edit the alarm. (For more information, refer to *"Adding and Configuring Alarms"* on page 138.)
   - **Delete**: Delete the alarm.

   – or –

   Touch **Delete,** touch the existing alarms you want to delete or touch **Select all**, and then touch **Delete**.

### Turning Off an Alarm

When the alarm sounds, to turn off the alarm:

- Touch and drag to the right.

### Setting the Snooze Feature

To activate the Snooze feature after an alarm sounds:

**Important!** Snooze must first be set in the alarm settings.

- Touch and slide to the left.

## AllShare Play

AllShare Play™ allows your tablet to stream photos, music, and videos from its memory to other DLNA certified™ (Digital Living Network Alliance) devices. Your tablet can also play digital content streamed from other DLNA certified devices.

**Note:** To view more information about DLNA certified products visit http://www.dlna.org/home.

### Configuring AllShare Play

Before using AllShare Play, connect both of your communicating devices to the same Wi-Fi network, and use a registered and active Samsung account. (For more information, refer to *"Turning Wi-Fi On or Off"* on page 171.) Connect to Wi-Fi, configure AllShare Play settings to identify your device as a server, and set treatment of copied files.

**Important!** The Samsung account manages the access information (username and password) to several applications, such as AllShare Play.

1. Connect to a Wi-Fi network. (For more information, refer to *"Scanning and Connecting to a Wi-Fi Network"* on page 121.)
2. From the **Apps** screen, touch **AllShare Play**.

**Note:** If prompted, read the on-screen message about network charges and touch OK to continue.

The AllShare Play Sign In screen displays.

3. Touch **Sign in**.

   The Samsung account screen displays.
4. Touch **Create new account**, if you have not set up a Samsung account, or touch **Sign in**, if you have already set up a Samsung account.

   (For more information, refer to *"Samsung Account"* on page 10.)

   The AllShare Play Start screen displays.
5. Touch **Start**.

   The **AllShare Play** main screen displays.
6. For more information, touch **Menu** ➔ **FAQ**.

### Using Group Play

While using various applications, such as **Gallery**, when you touch **Share** to share a file, you see **Group Play** as an option.

Group Play is an easy way to share files in real time with others who are on the same Wi-Fi network. Group Play can be used when you want to share documents, images, music, and so on.

You can use Group Play for meetings, sales presentations, conferences, and classes. All you need is a Wi-Fi network that works with Group Play, and most do.

To share a file using Group Play:

1. From a Home screen, touch **Apps** ➔ **Gallery**.
2. Navigate to the file you want to share and touch **Share** ➔ **Group Play**.

   (For more information, refer to *"Gallery"* on page 100.)

   **Note:** After the initial Group Play request, touch **Group Play** instead of **Share**.
3. Use the keyboard to enter a PIN code and touch **Done**.

   This process lets you make sure only your preferred recipients can view your shared image.

   The AllShare Play - Group Play screen appears and the device waits for other connected recipients to accept the connection and enter the PIN on their screens.
4. Touch **OK** to start the group play process while other users connect.

   You can now interact and draw with the on-screen image, and users will instantaneously see the same gestures and also be able to interact.

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**Note:** The newly altered image (with markups and comments) can not be saved, but you can take a screen shot of the current image and save it to your Clipboard. (For more information, refer to *"Screen Capture"* on page 32.)

---

## *Calculator*

The calculator provides the basic arithmetic functions to solve simple arithmetic problems and advanced operators to solve more complex problems.

1. From the **Apps** screen, touch **Calculator**.
2. Enter the first number using the numeric keys.
3. Enter the operation for your calculation by touching the **+** (add), **-** (subtract), **×** (multiply), or **÷** (divide) key.
4. Enter the next number.
5. To view the result, touch the **=** (equals) key.
6. Repeat Steps 3 through 5 as many times as required.
7. Touch C to clear the result.
8. For more advanced problems, rotate your device to landscape mode and use the advanced operators **sin**, **ln**, **cos**, **log**, **tan**, and so on, just as you would on a pocket calculator.
9. Touch and hold entries in the Calculator's display field to select them. The following options are available:
   - **Select all**: Selects all entries in the Calculator's display field.
   - **Cut**: Removes the selected entry(ies) to memory for reuse.
   - **Copy**: Place a copy of the selected entry(ies) to memory for reuse.
   - **Paste**: Place a copy of calculator memory contents in a selected location in the Calculator's display fied.
   - **Clipboard**: Copy the selected entry(ies) to the clipboard to paste the entry(ies) in another app.
   - Touch and hold in the Calculator's display field to **Paste** Copied or Cut entry(ies) into another calculation or to save them to the **Clipboard**.

### *Calendar*

Your device includes a powerful Calendar to help you organize your schedules more conveniently and effectively. Learn to create and manage events and tasks, and set alarms to remind yourself of important events and tasks.

**Tip:** A shortcut to Calendar displays on a Home screen by default.

1. From the **Apps** screen, touch **Calendar**.
2. Touch a tab to choose a calendar view:
   - **Year**: Display all twelve months of this year. Sweep across the years at the bottom of the screen to display another year.
   - **Month**: Display the current month. Touch a month and year at the bottom of the screen to display another month.
   - **Week**: Display the current week. Touch a week at the bottom of the screen to display another week.
   - **Day**: Display today's schedule by hour. Touch day at the bottom of the screen to display another day.
   - **List**: Display only event and task names and dates for a selected year. Touch a year at the bottom of the screen to display another year. Touch a date to hide or show the event or task name.
   - **Task**: Display your list of tasks. Touch the sort field to change how your tasks are sorted. Tasks can be sorted by due date, priority, date, week, month, or group.
3. To view other days or other weeks, swipe left or right across the screen.

   Swipe up or down the screen to view other events.
4. To find an event or task, touch **Search**.

   Use the on-screen keyboard to enter a search term.

   Possible events display as you type.

   Touch on the keyboard to remove it.

   Touch an event to send, edit, or delete the event.
5. Touch **Add event / Add task** and then touch **Done** to add a new event to your calendar. (For more information, refer to *"Creating an Event or Task"* on page 144.)

6. Touch **Menu** for these options:
   - **Zoom in**: In the Week and Day views, increase the size of the area being viewed.
   - **Zoom out**: In the Week and Day views, decrease the size of the area being viewed.
   - **Go to**: Use the Set date pop-up to enter a date and then touch Set to display and highlight that date on your calendar.
   - **Delete**: Delete events for the year, month, week, day, week, month, before today, or all events, depending on the Calendar view.
   - **Sync**: Manually synchronizes the calendar entries among all of your current accounts, for example, Gmail, Exchange, and so on.
   - **Show controls** / **Hide controls**: Show or hide a small month calendar and a list of events in landscape mode.
   - **Settings**: Customize the calendar. (For more information, refer to *"Calendar Settings"* on page 146.)
   - **Enable Handwriting mode** / **Disable Handwriting mode**: Lets you add/remove/change handwritten notes or drawn highlights on a Month calendar.
7. Touch **Today** to return to the current date.
8. Touch **Calendars** to configure which events to display. Touch **Add account** to add additional accounts from which calendar events can be synced.

### Creating an Event or Task

To create an event or task:

1. From the **Apps** screen, touch **Calendar**.
2. Double-tap the date for which you want to enter an all day event or task.
   - Touch the **Add event** or **Add task** tab.
   - Touch the My calendar field and touch a calendar to which the even or task should be added.
   - Use the keyboard to enter the event or task name.

   – or –

   Touch the date for which you want to enter an event or task.
   - Touch .
   - Touch the **Add event** or **Add task** tab.
   - Enter the event or task information.
3. Touch **Save**.

## Managing Events

You can delete, send, and edit events on your mobile device:

1. From the **Apps** screen, touch **Calendar**.
2. Touch an event.

   A pop-up displays event information. The following options are available:

   - To forward the event using your primary email account, touch **Forward**.
   - To delete the event, touch **Menu** ➔ **Delete**, select **Only this event** or **All repetitive events**, then touch **OK**.
   - To share the event, touch **Menu** ➔ **Share via**, then touch **Bluetooth**, **ChatON**, **Dropbox**, **Email**, or **Wi-Fi Direct**.
   - To update the event details, touch **Menu** ➔ **Edit**.

## Add Additional Calendar Accounts

To add additional accounts:

1. From the **Apps** screen, touch **Calendar** ➔ **Calendars** ➔ **Add account**.

   – or –

   From the **Apps** screen, touch **Settings** ➔ under **Accounts**, then touch **Add account**.

   The **Add account** menu pops-up.
2. Touch an account type and enter your account information.

   (For more information, refer to *"Accounts"* on page 203.)

## Calendar Settings

To set up Calendar preferences:

1. From the **Apps** screen, touch **Calendar**.
2. Touch **Menu** ➔ **Settings**.

   The following options display:

   **View settings**

   - **First day of week**: Choose a day to begin each week.
   - **Hide declined events**: Enable or disable display of events.
   - **Lock time zone**: Allows you to lock event times and dates based on your selected time zone, which is defined by the following field.
   - **Select time zone**: If **Lock time zone** is enabled, used this option to select a time zone to lock event times and dates.
   - **Show week number**: Show the week number to the left of each week in the Month view.
   - **Calendars**: Enable calendars for your various accounts.
   - **Handwriting settings**: Choose the First day of week and whether to Show week number for Handwritting mode.

   **Event notification**

   - **Set alerts & notifications**: Touch to select, which allows you to set the Alert, Status bar notification, or Off.
   - **Select ringtone**: Choose a tone for calendar notifications.
   - **Vibration**: Enable/disable vibration for calendar notifications.
   - **Default reminder time**: Set the default time for a notification before an event is to occur.
   - **Notifications while screen is off**: Enable or disable the display of notifications on the full screen while the screen is turned off.
   - **Quick responses**: Edit default quick responses for emailing guests.

   **Sync settings**

   - **Sync events/tasks**: Displays the General sync settings. (For more information, refer to *"Accounts"* on page 203.)

   **(Accounts)**

   - Touch an account and then touch the check box to enable or disable calendar and tasks synchronization for that account.

## Camera

Take photos and record video with your device's built in Camera.

(For more information, refer to *"Camera"* on page 92.)

**Tip:** A shortcut to Camera displays on the main Home screen by default.

- From the Home screen, touch **Camera**.

  – or –

  From the **Apps** screen, touch **Camera**.

## ChatON

ChatON is a global mobile social communication service. You can chat with multiple "buddies" at the same time.

1. From the Home screen, touch **ChatON**.

   – or –

   From a Home screen, touch → **ChatON**.

   – or –

   From the **Apps** screen, touch **ChatON**.
2. At the **Attention** pop-up, touch **OK** to access ChatON. To block this pop-up in the future, touch **Do not show again**.
3. In the **ChatON** screen, select your country or region code, then touch **Done**.

## Chrome

Chrome launches the Google Chrome Internet browser.

- From the **Apps** screen, touch **Chrome**.

## Contacts

Store contact information for your friends, family and colleagues, to quickly access information or to send a message.

(For more information, refer to *"Contacts"* on page 57.)

**Tip:** A shortcut to Contacts displays on a Home screen by default.

- From a Home screen, touch → **Contacts**.

  – or –

  From the **Apps** screen, touch **Contacts**.

## Crayon physics

Your drawings are transformed into physical objects in a game in which you solve puzzles with your artistic vision and creative use of physics.

1. Detach the S Pen from your tablet, then touch **Crayon physics**.

   – or –

   From the **Apps** screen, touch **Crayon physics**.
2. For more information, touch **HOW TO PLAY**.

## Downloads

Files, apps, and other items you download in Browser, Email, Gmail, or in other ways, are stored on your tablet's internal storage. Use the Downloads app to view, reopen, or delete what you have downloaded.

1. From the **Apps** screen, touch **Downloads**.
2. Touch the **Internet downloads** tab or the **Other downloads** tab.
3. To open a download, touch it.
4. To share one or more downloads with other devices, touch the check box(es) for the download(s) you want to share, to check them, then touch **Share**.

   Touch an option to share the download(s): Bluetooth, Dropbox, Email, Gmail, Google+, Group Play, Photo editor, Picasa, Wi-Fi Direct, or YouTube.
5. To delete one or more downloads, touch the check box(es) for the download(s) you want to delete, to check them, and then touch **Delete**.

   The items are deleted from your tablet.

6. To change how the downloads list is sorted, touch **Sort by size** or **Sort by date**, at the bottom of the **Downloads** pop-up.

### Dropbox

Dropbox is a "cloud" file storage service. The Dropbox app lets you create an account with Dropbox or link with your existing Dropbox account. (For more information, refer to https://www.dropbox.com/.)

- From the **Apps** screen, touch **Dropbox**.

### Email

Send and receive email using popular email services.

- From the **Apps** screen, touch **Email**.

(For more information, refer to *"Email"* on page 68.)

### Gallery

Use Gallery to view, capture, and manage photos and videos.

- From the **Apps** screen, touch **Gallery**.

  – or –

  From a Home screen, touch ➔ **Gallery**.

  – or –

  From the Lock screen, touch and drag upward.

(For more information, refer to *"Gallery"* on page 100.)

### Game Hub

Samsung Game Hub is your one stop for the hottest social and premium games.

**Note:** Game Hub service requires a Samsung account and depends on service availability.

- From the **Apps** screen, touch **Game Hub**.

### Gmail

Send and receive email with Gmail, Google's web-based email.

(For more information, refer to *"Gmail"* on page 74.)

- From a Home screen, touch **Apps** ➔ **Gmail**.

## Google

Search the internet using the Google™ search engine.

1. From the Lock screen, touch and slide .

   – or –

   From a Home screen panel, touch .

   – or –

   From the **Apps** screen, touch **Google**.
2. Use the keyboard to enter search criteria to display matching searches.

   – or –

   Touch and speak the search criteria slowly and clearly.

   Suggestions display below the text entry area.
3. Touch a suggestion to search for that term or touch on the keyboard to start the search.

   A browser window displays the search results.

## Google+

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

To get started:

1. From the **Apps** screen, touch **Google+**.

   The Google+ home screen displays.
2. Follow the prompts to use Google+.

### Group Play

Share your experiences with friends in real time while you view documents and photos or listen to music.

1. From the **Apps** screen, touch **Group Cast**.
2. Follow the instructions in the **Group Play** pop-up.

### Help

Use Help to read or view brief instructions or videos on how to use the features and settings available with your tablet.

1. From the **Apps** screen, touch **Help**. The **Help** screen appears.
2. Select a topic from the menu on the left side of the screen.
3. Read or view the selected topic information in the right side of the screen.

### Internet

Your device includes a full HTML Browser, to access the Internet.

(For more information, refer to *"Internet"* on page 112.)

**Tip:** A shortcut to Browser displays on the main Home screen by default.

- From the Lock screen, touch and swipe .

  – or –

  From the Home screen, touch **Internet**.

  – or –

  From the **Apps** screen, touch **Internet**.

  – or –

  From a Home screen, touch ➔ **Internet**.

## Local

Google Local is an application that uses Google Maps and your location to help you find Restaurants, Cafes, Bars, Attractions, and other businesses. You can also add your own locations.

The Local application allows you to find the best sources for business information across the web, including business listing details, reviews, photos, nearby public transit, and other related information. Business owners can provide additional details, such as photos, hours of operation, and coupons.

1. From the **Apps** screen, touch **Local**.
2. Follow the prompts to locate businesses and view their information.
3. For more information about **Local**, touch **Menu** ➔ **Help**.

## Maps

Use Google Maps to find your current location, get directions, and other location-based information.

**Note:** You must enable location services to use Maps. Some features require Standalone or Google location services. (For more information, refer to *"Location services"* on page 191.)

1. From the Home screen, touch **Maps**.

   – or –

   From the **Apps** screen, touch **Maps**.
2. For information about using **Maps**, touch ➔ **Help**.

### Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content.

(For more information, refer to *"Media Hub"* on page 77.)

**Note:** Media Hub service requires a Samsung account and depends on service availability.

- From the **Apps** screen, touch **Media Hub**.

### Messenger

With Google Messenger, you can bring groups of friends together into a simple group conversation.

(For more information, refer to *"Messenger"* on page 75.)

1. From the **Apps** screen, touch **Messenger**.
2. For more information about **Local**, touch **Menu** ➔ **Help** ➔ **Messenger**.

### Music Hub

Samsung Music Hub is a subscription based music app that gives you unlimited access to over 3 million songs from most major record labels.

You can browse and play the latest releases, genres, artists, and popular music charts and stream high quality music over a WiFi and 3G connection.

**Note:** Music Hub service requires a Samsung account, and depends on service availability.

1. From the **Apps** screen, touch **Music Hub**.
2. To rent or buy media, you must have a Music Hub account. Touch **Start** to log in or create an account.
3. Browse content, then follow the prompts to buy or rent.

### *Music Player*

Play music and other audio files that you copy from your computer.

(For more information, refer to *"Music Player"* on page 80.)

**Tip:** A shortcut to Music Player displays on a Home screen by default.

- From the **Apps** screen, touch **Music Player**.

  – or –

  From a Home screen, touch ➔ **Music Player**.

### *My Files*

Find, view, and manage folders and files, such as music files, photo files, video files, and so on, stored on your tablet. If the file is associated with an application on your device, you can launch the file in the application.

1. From the **Apps** screen, touch **My Files**.

   – or –

   From a Home screen, touch ➔ **My Files**.
2. Touch a folder and scroll down or up until you locate a file.

**Note:** You may have to touch one or more subfolders before you encounter files.

3. Touch a file to launch it in the associated application, if the file is associated with an application.

4. While browsing files, use these controls:

**Up**: Display a higher directory.

**Search**: Use the keyboard to enter a search term. The current folder is searched and results are displayed. Touch **X** to remove the search field.

**Display mode**: Enable thumbnail mode.

– or –

**Display mode**: Enable list mode.

**Root**: Display the root directory.

**Add Folder:** Add a new folder in the current folder.

**Mark files**: Touch the box to the left of each file or next to the folder to select all files in the folder. Then touch send via, copy, cut, or delete in the Application Bar.

5. To view a photo file:
   - Touch the file.

   The Gallery app is used to open the photo. (For more information, refer to *"Viewing Photos and Videos"* on page 102.)
6. To view a video file:
   - Touch the file.

   The Video Player is launched and plays the video. (For more information, refer to *"Video Player"* on page 88.)

### *Navigation*

Use Google Navigation to find a destination and to get walking or driving directions.

---

**Note:** You must first create a Wi-Fi connection to use Navigation.

---

1. From the **Apps** screen, touch **Navigation**.
2. Follow the prompts to obtain walking or driving directions.
3. For more information about **Navigation**, touch **Menu** ➔ **Help**.

### Paper Artist

Using Paper Artist, you can draw or convert photos or images into line art of any of several types and edit and color them.

1. From the **Apps** screen, touch **Paper Artist**.
2. Follow the prompts to create or change a drawing.

### Play Books

Use the Play Books app to read eBooks from the Internet-based Google Play™ Books service. Google eBooks is a new way to discover, buy, and enjoy your favorite books online and offline.

You can read books online or mark them for availability offline, so you can read them when you have no Internet connection (such as on an airplane). You can also use Books as your starting point for browsing or searching for books on line.

1. From the **Apps** screen, touch **Play Books**.
2. Follow the prompts to start reading books.

**Note:** You may be asked to create or sign on to your Google account. (For more information, refer to *"Setting Up Your Gmail Account"* on page 74.)

### Play Magazines

Google Play™ Magazines helps you subscribe to your favorite magazines so you can have them available to read on your tablet at your leisure.

1. From the **Apps** screen, touch **Play Magazines**.
2. Follow the prompts to start reading magazines.
3. For more information touch **Menu** ➔ **Help**.

**Note:** You may be asked to create or sign on to your Google account. (For more information, refer to *"Setting Up Your Gmail Account"* on page 74.)

### Play Movies & TV

The Play Movies & TV app is available for select Android devices. Any movie you rent using the Play Store app can be downloaded for offline viewing through this application. In addition, the Play Movies & TV app can be used to stream your movie rentals as well as play any of your personal videos stored on your tablet.

1. From the **Apps** screen, touch **Play Movies & TV**.
2. For more information touch **Menu** ➔ **Help**.

### Play Music

Play music and other audio files that you copy from your computer.

1. From the **Apps** screen, touch **Play Music**.
2. Follow the prompts to start playing music.
3. For more information touch **Menu** ➔ **Help**.

## *Play Store*

Google Play™ Store provides access to downloadable applications and games to install on your device. It also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your device.

**Tip:** A shortcut to Play Store displays on the main Home screen by default.

1. From the Home screen, touch **Play Store**.

   – or –

   From the **Apps** screen, touch **Play Store**.

**Note:** You may be asked to create or sign on to your Google account. (For more information, refer to *"Setting Up Your Gmail Account"* on page 74.)

2. Follow the prompts to list, find, select, and download applications.
3. For more information touch **Menu** ➔ **Help**.

### Updates to Downloaded Apps

You can check for new versions of applications by visiting the Play Store. Items that have a new version available will say **Update**.

You can also select apps that you would like to be updated automatically. To do this:

1. From the Home screen, touch **Play Store**.
2. Touch **Installed Apps**.
3. Touch the **Installed** tab to list the Play Store apps installed on your device.

   Update is displayed is there is an update available for the app.
4. Touch **Allow automatic updating** on an app to enable automatic updating.
5. Touch **Open** to open the app on your device.
6. Touch **Update** to update the app on your device.

## Polaris Office

Polaris® Office Mobile for Android is a Microsoft® Office compatible office suite. This application provides a central place for managing your documents online or offline.

The application can also open Adobe PDF (Portable Document Format) files.

1. From the **Apps** screen, touch **Polaris Office**.

   – or –

   From a Home screen, touch → **Polaris Office**.
2. Enter your Email information, if desired, and touch **Register** to complete the process.

   – or –

   Touch **Skip** to ignore this registration.

   The main Polaris Office screen displays. **Recent documents** displays a list of recently opened documents.
3. To get help for using Polaris Office, touch **Menu** → **Help** → **User Guide**.

## PS Touch

You can use Adobe® Photoshop® (PS) Touch to combine images, apply professional effects, and share the results through social networking sites.

For more information about PS Touch, go to http://www.adobe.com/products/photoshop-touch.html.

1. From the **Apps** screen, touch **PS Touch**.
2. For instructions on using PS Touch, touch **Tutorials**.

## *S Note*

Create and manage text memos and use Bluetooth to send memos to paired Bluetooth devices.

- From the Lock screen, touch and swipe .

  – or –

  From the **Apps** screen, touch **S Note**.

  – or –

  From a Home screen, touch → **S Note**.

### Composing a Memo

1. From the **Apps** screen, touch **S Note**.
2. Touch **New memo**, compose the memo, then touch **Save** to save.

(For more information, refer to *"Entering Text"* on page 47.)

### Memo List Options

While viewing the list of Memos:

1. Touch **Menu** → **List view** to view your memos in a list mode.
2. Touch a memo to view or edit it.
3. To delete one or more memos, touch **Delete**, select one or all memos, and touch **Delete**.
4. Touch **Menu** for the following options:
   - **Refresh**: Redisplay the list of memos.
   - **Sort by**: Select whether to sort the memo list by **Date**, **Name**, **Tag**, **Favorites**, or **User settings**.
   - **List view** / **Thumbnail view**: Select to show your memos as a list of thumbnail images and related memo names or to show your memos as an array of thumbnail images.
   - **Import**: Copy an **Image file** or **PDF file** into a memo.
   - **Export**: Save a copy of this memo as an Image file or PDF file.
   - **Create folder**: Create a folder in which to copy or move memos.
   - **Change order**: Reorder your list of memos.
   - **Copy**: Save a copy of one or more selected memos into a new or existing folder.
   - **Move**: Move one or more selected memos into a new or existing folder.
   - **Settings**: Review and/or change Accounts to Auto sync with, Add page, Input language, Set default template, and Drawing guide lines settings for your memos.
   - **Tutorial**: View instructions on using S Memo.

5. Touch and hold a memo thumbnail or list entry to display the following options:
   - **Share via**: Select the file type (Image, PDF, S Note, or Text only), then select **Bluetooth**, **Dropbox**, **Email**, **Gmail**, **Group Play**, or **Wi-Fi Direct** to send the memo. For more information, refer to *"Connections"* on page 112.
   - **Delete**: Delete the selected memo.
   - **Copy**: Save a copy of this memo into a new or existing folder.
   - **Move**: Move this memo into a new or existing folder.
   - **Rename**: Change the name of this memo.
   - **Edit cover**: Change the cover appearance for the selected memo.
   - **Lock** / **Unlock**: Lock the memo or use your PIN number to remove the lock form the memo. Once you lock a memo, you have to use your PIN number to view the memo.
   - **Set as shortcut**: Create a shortcut to access this memo on the Home screen.
   - **Print**: Send this memo to a Samsung printer.

## *S Suggest*

This application provides on-screen recommendations for applications that are specifically supported and made for use on your device.

1. From the **Apps** screen, touch **S Suggest**.
   The Country or region list displays.
2. Touch a country or region in the list (for example, United States) and then touch **OK**.
   The Terms and conditions display.
3. Touch the **Agree** check box and then touch **Agree**.
   The **S Suggest** main screen displays.
4. Select an application from one of the available categories (Picks, Categories, Games, Friends, and Info).
5. Follow the on-screen download and installation instructions.

### S Voice

Launch tablet features and apps by speaking voice commands.

1. From the **Apps** screen, touch **S_Voice**.
2. Follow the prompts.

### Samsung Apps

Access downloadable applications and games to install on your device.

**Note:** Samsung Apps service requires a Samsung account and depends on service availability.

- From the **Apps** screen, touch **Samsung_Apps**.

### Settings

Configure your device to your preferences.

(For more information, refer to *"Settings"* on page 170.)

**Tip:** A shortcut to Settings displays on the main Home screen by default.

- From the **Apps** screen, touch **Settings**.

## Smart Remote

Allows you to locate programming with your tablet, watch programming on your TV, and then control your entertainment system with gestures from your tablet.

For more information, go to: http://www.peel.com.

Discover and control TV programming right from your device. Lose your remotes, once and for all. Quit scrolling those tiresome grid guides. See what you want, right at your own fingertips: your shows, your controls, your friends.

Peel® suggests Top Pick TV shows for you based on what you watch and like. Instead of a long, boring channel grid, Peel presents an easy-to-use mosaic of your favorite shows, filtered by type and genre in the order you like.

1. From the **Apps** screen, touch **Smart Remote**.

   The Samsung Disclaimer displays.
2. Touch **Agree**.
3. Touch Set Up Smart Remote Now: **US & Canada**.
4. Follow the on-screen instructions.

## Talk

Use Google Talk to chat with other Google Talk users.

For more information, refer to *"Talk"* on page 76.

- From the **Apps** screen, touch **Talk**.

## Video Editor

Video Editor lets you custom-make your own videos. You can add themes, music, pictures, and other videos to your video.

1. From the **Apps** screen, touch **Video Editor**.
2. Touch **New Project**.
3. Follow the on-screen instructions.

### Video Player

View and manage videos stored on your tablet.

(For more information, refer to *"Video Player"* on page 88.)

**Tip:** A shortcut to Video Player displays on a Home screen by default.

- From the **Apps** screen, touch **Video Player**.

  – or –

  From a Home screen, touch → **Video Player**.

### Voice Search

Search the internet by speaking to the Google search engine.

- From the **Apps** screen, touch **Voice Search**.

### VPN Client

Provides simplified VPN (Virtual Private Network) connection and enhanced VPN security.

- From the **Apps** screen, touch **VPN Client**.

### Wi-Fi Now

Wi-Fi Now provides free access to your Wireless Provider's Wi-Fi network.

- From the **Apps** screen, touch **Wi-Fi Now**.

  For more information, touch **Help**.

### *World Clock*

View the date and time in any time zone.

1. From the **Apps** screen, touch **World Clock**.

   – or –

   From a Home screen, touch ➔ **World Clock**.

   A map of the world displays with the locations you have added flagged.
2. Touch **Add** to add a city to display.

   A list of world cities displays in landscape mode.
3. Scroll through the list and touch the city you want to add.

**Tip:** Touch the first letter of the city's name, to the right of the list, to find the city more quickly.

– or –

In portrait or landscape mode, touch and turn the globe to locate a city and touch the city you want to add.

A pop-up displays the city name, current time, and date there, and the GMT offset.

4. Touch the on the pop-up to add the city.
5. Touch **Reorder** to change the order of the cities. Touch and hold the grid on an entry and drag the entry to a new position in the list. Touch **Done** to change the order.
6. Touch **Delete** to remove entries. Touch the box to check the cities you want to remove (a green check mark displays), then touch **Delete**.
7. Touch and hold an entry to remove it or to set the **DST settings**, which enable or disable Daylight Savings Time adjustments.

### *YouTube*

View YouTube videos on your tablet and upload videos from your tablet to your YouTube account.

1. From the **Apps** screen, touch **YouTube**.
2. Follow the on-screen prompts to setup or access your YouTube account.

## Widgets

Widgets are self-contained applications that you can place on the Home screen panels to access your favorite features. When you first turn on your tablet, there are various widgets on the Home screen panels.

### *Accessing the Widgets Menu*

- From the **Apps** screen, touch the **Widgets** tab (at the top of the **Apps** screen). The following widgets are available:
  - **Alarm**: Add an alarm then touch the widget to edit the alarm. (For more information, refer to *"Alarm"* on page 138.)
  - **AllShare Cast**: View/listen to an AllShare Cast on a Home screen panel.
  - **Application monitor**: Monitor and control active or downloaded programs, RAM, or Storage. (For more information, refer to *"Task Manager"* on page 14.)
  - **Assistive Light**: Use the camera flash on the back of your tablet as a flashlight.
  - **Book**: Touch this widget and then touch a book for quick access to the book. (For more information, refer to *"Play Books"* on page 156.)

- **Bookmark**: Directly access an Internet browser bookmark. (For more information, refer to *"Internet"* on page 151.)
- **Bookmarks**: View and directly access Chrome browser bookmarks. (For more information, refer to *"Chrome"* on page 147)
- **Calendar**: Displays a list of your events. (For more information, refer to *"Calendar"* on page 143.)
- **Calendar (mini today)**: Use Calendar to organize events and tasks for a day. (For more information, refer to *"Calendar"* on page 143.)
- **Calendar (month)**: Use S Planner to organize events and tasks for a month. (For more information, refer to *"Calendar"* on page 143.)
- **Clock (digital)**: View a digital clock-calendar.
- **Clock (modern)**: Display a modern, analog clock.
- **Contact**: Display a shortcut to one of your contact entries. (For more information, refer to *"Contacts"* on page 57.)
- **Directions & Navigation**: Get directions and navigation from Google Maps. (For more information, refer to *"Maps"* on page 152.)
- **Dropbox Folder**: Directly access one of your Dropbox folders. (For more information, refer to *"Dropbox"* on page 149.)
- **Dual clock (analog)**: Display the date and time for two different locations using analog clocks.
- **Dual clock (digital)**: Display the date and time for two different locations using a digital format.
- **Email**: Display your email inbox. (For more information, refer to *"Email"* on page 68.)
- **Game Hub**: Directly access games listed with GameHub. (For more information, refer to *"Game Hub"* on page 149.)
- **Gmail**: Send and receive email with Gmail, Google's web-based email. (For more information, refer to *"Gmail"* on page 74.)
- **Gmail label**: Access a Gmail label. Displays once a Gmail account is set up. Touch the label to which you want to link. (For more information, refer to *"Setting Up Your Gmail Account"* on page 74.)
- **Google Play Books**: Read eBooks from the web-based Google Play Books service. (For more information, refer to *"Play Books"* on page 156.)

- **Google Play Music**: Use this widget to control the playback of songs playing in the Music app. (For more information, refer to *"Options While Playing a Song"* on page 87.)
- **Google Search** (transparent background): Perform and manage Internet searches.
- **Google Search** (opaque background): Perform and manage Internet searches.
- **Google+ posts**: Display a shortcut to Google+™ posts. (For more information, refer to *"Google+"* on page 75.)
- **Media Hub**: Samsung Media Hub is your one stop for the hottest movie and TV content. You can rent or purchase your favorite content and watch from the convenience of anywhere. (For more information, refer to *"Media Hub"* on page 77.)
- **Mono audio**: Enable mono sound when listening to audio with one ear bud.
- **Music Hub**: Gives you unlimited access to over 3 million songs from most major record labels. (For more information, refer to *"Music Hub"* on page 153.)
- **Music Player**: The Music Player allows you to play music files that you have stored on your device and memory card. You can also create playlists. (For more information, refer to *"Music Player"* on page 80.)
- **Music playlist**: Choose a music playlist to access from a home screen. (For more information, refer to *"Playing a Playlist"* on page 83.)
- **Negative colors**: Reverse the colors on your tablet's screen.
- **Picture frame**: Allows you to select one or more pictures and then touch the arrow on the widget for a slide show. (For more information, refer to *"Gallery"* on page 100.)
- **Play – My Library**: Directly access selections from Play Books, Play Magazines, Play Music, and/or Play Movies & TV libraries.
- **Play Recommendations**: Play recommendations from Play Store Apps, Play Music, Play Books, Play Magazines, and/or Play Movies & TV libraries.
- **Play Store**: Download applications using the Play Store app. (For more information, refer to *"Play Store"* on page 158.)
- **S Bookmarks**: Choose one of your Browser bookmarks then touch the widget to open the website. (For more information, refer to *"Using Bookmarks"* on page 115.)

- **S Note**: Select, read, and/or changea memo on a Home screen. (For more information, refer to *"S Note"* on page 160.)
- **S Note (Direct)**: Directly select an S Note function. (For more information, refer to *"S Note"* on page 160.)
- **S Note (page)**: Directly access a selected note. (For more information, refer to *"S Note"* on page 160.)
- **S Suggest**: Recommends popular applications, when your device is connected to a Wi-Fi, that are guaranteed to be compatible with your device. (For more information, refer to *"S Suggest"* on page 161.)
- **Settings shortcut**: Allows you to create a shortcut to a particular Settings item. (For more information, refer to *"Settings"* on page 170.)
- **Simple Picture Frame**: Directly access a selected picture in the Gallery. (For more information, refer to *"Gallery"* on page 149.)
- **Software Update**: Directly access software updates for your tablet. (For more information, refer to *"Software Update"* on page 218.)
- **Traffic**: Enter a name for the widget and a destination, and then touch Save. Touch the widget to use the Traffic component of the Maps application. (For more information, refer to *"Maps"* on page 152.)
- **Video Player**: Play and manage videos stored on your tablet. (For more information, refer to *"Video Player"* on page 88.)
- **Weather**: Display the forecast from AccuWeather. Touch the widget to choose locations.
- **Yahoo! Finance**: Search for and add stocks.
- **Yahoo! News**: Display current news and much more from Yahoo!
- **YouTube**: Search YouTube and watch videos. (For more information, refer to *"YouTube"* on page 166.)

# Section 9: Settings

## Accessing Settings

- From a Home screen panel, touch **Apps** ➔ **Settings**.

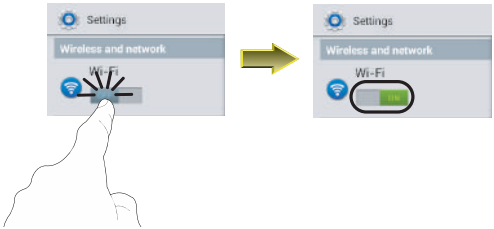
  – or –

  From any screen, touch the Time in the System Bar, then touch **Settings**. (For more information, refer to *"Quick Settings"* on page 36.)

  The **Settings** menu appears.

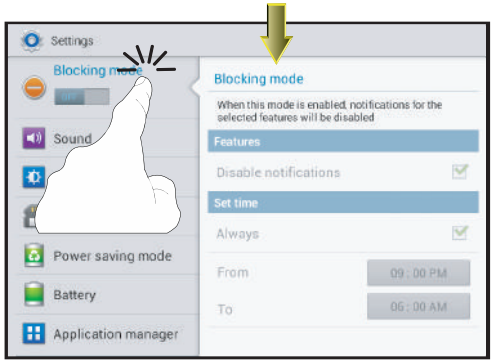
### *Using Setting Sliders*

- To enable or disable a setting, touch the setting slider as shown.




### *Accessing Additional Options*

- To access additional setting options, touch the setting tab.



# Wireless and network

## *Wi-Fi*

Set up and manage your mobile device's connections to Wi-Fi networks. Your mobile device supports Wi-Fi a/b/g/n.

(For more information about using Wi-Fi, see *"Wi-Fi"* on page 120.)

### Turning Wi-Fi On or Off

Turn your mobile device's Wi-Fi service on or off. When you turn Wi-Fi service on, your mobile device automatically searches for nearby available Wi-Fi networks.

**Tip:** When you turn Wi-Fi service on, your device automatically searches for available networks and displays them.

You can also turn Wi-Fi On or Off from the Quick Settings panel.

**Turn Wi-Fi On:**

- From the **Settings** screen, touch **Wi-Fi** OFF.

  – or –

  From the Home screen and others, touch and swipe the Status Bar downward, then touch **Wi-Fi**.

**Turn Wi-Fi Off:**

- From the **Settings** screen, touch **Wi-Fi** ON.

  – or –

  From the Home screen and others, touch and swipe the Status Bar downward, then touch **Wi-Fi**.

### Wi-Fi Settings

Configure and manage connections to Wi-Fi access points.

1. From the **Settings** screen, touch **Wi-Fi**. The **Wi-Fi** options screen appears.
2. Touch options to configure:
   - **Add Wi-Fi network**: Connect to a new Wi-Fi network. (For more information, see *"Adding a Wi-Fi Network Manually"* on page 122.)
   - **Scan**: Search for available Wi-Fi networks.
   - **Wi-Fi Direct**: Establish a direct Wi-Fi connection with one or more Wi-Fi Direct enabled devices.

- Touch **Menu** to access the following additional options:
  - **Advanced**: View and configure your device's Advanced Wi-Fi settings. (see *Advanced Wi-Fi settings*.)
  - **WPS push button**: Automatically establish a Wi-Fi Protected Setup connection to your Wi-Fi router by pressing its WPS button.
  - **WPS PIN entry**: Automatically establish a Wi-Fi Protected Setup connection to your Wi-Fi router using its WPS PIN.

### Advanced Wi-Fi settings

1. From the **Settings** screen, touch **Wi-Fi** → **Menu** → **Advanced**.
2. Configure settings:
   - **Network notification**: When enabled, your device notifies you of nearby Wi-Fi networks when you launch a high data-usage application.
   - **Keep Wi-Fi on during sleep**: Specify when to switch from Wi-Fi to mobile data for data communications, when your device goes to sleep (when the backlight goes out). This setting can affect your data usage, and the behavior of devices you connect to your device, such as when tethering or using Mobile Hotspot.
   - **Check for Internet service**: When enabled, checks whether Wi-Fi Internet service is available from scanned Access Points.
   - **MAC address**: (Not configurable) View your device's MAC address, needed for connecting to some secured networks (only shows when Wi-Fi is active).
   - **IP address**: (Not configurable) View your device's IP address (only shows when connected to a Wi-Fi network).

### Wi-Fi Direct settings

1. From the **Settings** screen, touch **Wi-Fi** → **Wi-Fi Direct**.
2. To establish multiple connect Wi-Fi Direct connections, touch **Multi-connect**. Follow the prompts to connect to compatible devices.
3. Touch **Menu** to access the following additional options:
   - **Rename device**: Change your device's Wi-Fi Direct device name.
   - **Help**: Explains the function and uses of the Wi-Fi Direct feature.

## *Bluetooth*

Your tablet supports Bluetooth® 4.0.

### Bluetooth profiles

Bluetooth profiles are specifications for services supported by individual devices. Profiles improve the ability of different devices to work together. Your tablet supports these Bluetooth profiles:

- **Headset**: HSP v1.2 profile supports use of compatible Bluetooth headsets for mono audio.
- **Stereo**: A2DP v1.2, AVRCP v1.0, GAVDP 1.2, AVCTP 1.3 and AVDTP 1.2 profiles support delivery of stereo audio to compatible Bluetooth devices.
- **Object Exchange**: OPP v1.0 profile allows sending and receiving of contact name cards (vCard 2.1) and calendar events (vCalendar) between devices. PBAP v1.2 supports exchange of Phone Book Objects.
- **Human Interface Devices**: HID v1.0 profile supports certain interface devices.
- **Personal Area Networking**: PAN 1.0 supports exchange of data with other devices.
- **Message Access Profile**: MAP 1.0 allows exchange of messages between devices, such as with an automotive hands-free device.

## Turning Bluetooth On or Off

**Turn Bluetooth On:**

- From the **Settings** screen, touch **Bluetooth** OFF.

**Turn Bluetooth Off:**

- From the **Settings** screen, touch **Bluetooth** ON.

**Tip:** You can also turn Bluetooth On or Off at the Notifications Panel.

## Bluetooth settings

Pair and connect with other Bluetooth devices, manage your Bluetooth connections, and control your device's visibility to other devices.

**Note:** Bluetooth must be turned On to access Bluetooth settings.

1. From the **Settings** screen, turn Bluetooth On (see *Turning Bluetooth On or Off*).
2. With Bluetooth On ( ON ), touch the **Bluetooth** tab. The following options appear in the right-hand column:
   - Under **My device**, touch your tablet's name to enable/disable its visibility to other devices' Bluetooth searches. Available when Bluetooth is On.
   - Touch **Scan** to search for visible Bluetooth devices.
   - Under **Available devices**, touch a detected device to pair with it (see *"Connecting with a Bluetooth Device"* on page 124).

- Touch **Menu** to access the following options:
  - **Rename device**: Change your tablet's Bluetooth device name.
  - **Visibility timeout**: Select how long your tablet will remain visible to other devices.
  - **Received files**: Lists files received from other devices over Bluetooth connections.

## *Data usage*

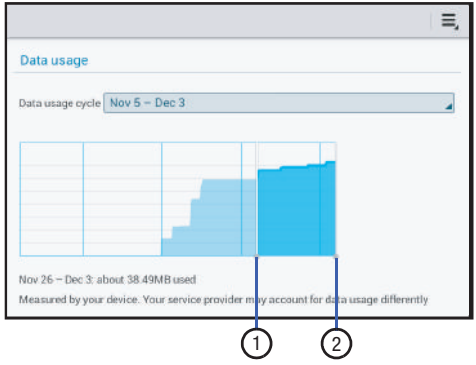
Data usage lets you monitor your data usage (Mobile data and Wi-Fi) over a select period of time. Data usage also lists your apps and shows their individual data usage.

### Setting a mobile data interval

Setting a mobile data interval lets you focus your usage review to multiple calendar periods (such as months) or to a single calendar period (such as a week).

**Note:** Data usage is measure by your device, and U.S. Cellular® may account for usage differently, so you may want to consider using a conservative limit. Contact U.S. Cellular® for more information on actual data usage.

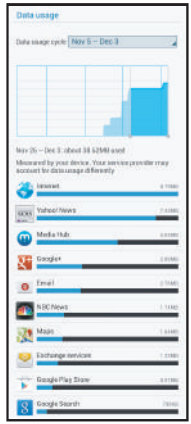
1. From the **Settings** screen, under **Wireless and network**, touch **Data usage**. The **Data usage** screen appears.
2. Select the desired **Data usage cycle**.
3. Select the mobile data interval by touching and dragging the upper (1) and lower (2) boundary lines on the graph.


Data usage
Data usage cycle
Nov 5 – Dec 3
Nov 26 – Dec 3: about 38.49MB used
Measured by your device. Your service provider may account for data usage differently
1
2

The interval dates and amount of data used in that interval appear below the data usage graph.

### *Viewing data usage by app or process*

1. From the **Settings** screen, under **Wireless and network**, touch **Data usage**. The **Data usage** screen appears.
2. Scroll down the page to see the list of processes or apps using Mobile and Wi-Fi data services. Touch a process or app to see data usage for the process or app, and to configure specific settings.




### *Additional Options*

1. From the **Settings** screen, under **Wireless and network**, touch **Data usage**. The **Data usage** screen appears.
2. Touch **Menu** to access the following options:
   - **Data roaming**: When enabled (with a check mark visible in the check box), roaming data usage appears in data usage graph.
   - **Restrict background data**: When enabled (with a check mark visible in the check box), background data usage does not appear in data usage graph.
   - **Auto sync data**: When enabled (with a check mark visible in the check box), all data usage graphs are automatically synchronized.
   - **Show Wi-Fi usage**: When enabled (with a check mark visible in the check box), Wi-Fi connection data usage appears in data usage graph.
   - **Mobile hotspots**: Lets you identify (check) those Wi-Fi hotspots available to and defined to your device that are mobile hotspots. Such hotspots are likely more expensive to use. You can block background apps from using these networks, and you can set apps to display warnings before using these networks for large downloads.

## *More Wireless and Network Settings*

### Airplane mode

When Airplane mode is enabled, all your tablet's wireless interfaces (4G network, Wi-Fi, and Bluetooth) are disabled. You can, however, re-enable Wi-Fi and Bluetooth and make connections without disabling Airplane mode.

While in airplane mode, you can use other features of your tablet, such as updating your calander, playing videos, or using other apps.

1. From the **Settings** screen, under **Wireless and network**, touch **More settings**. The **Wireless and network** menu appears.
2. Touch **Airplane mode** to enable or disable Airplane mode. When enabled, a check mark appears in the check box.

### Mobile networks

Set options for network selection, data service, and roaming behavior.

1. From the **Settings** screen, under **Wireless and network**, touch **More settings** → **Mobile networks**. The **Mobile network** screen appears.
2. Set these options:
   - **Mobile data**: Enable or disable your tablet's connection to the mobile data network. You can also control this setting on the Quick settings pop-up with the **Mobile data** toggle.
   - **Data roaming**: Enable or disable connection to data services when your device is roaming on another network.
   - **Network mode**: Configure roaming for CDMA, LTE, and EV-DO networks.
     - **LTE/CDMA**: Lets your tablet automatically access LTE, CDMA, and/or EV-DO mobile networks when available.
     - **CDMA**: Restricts your tablet to CDMA mobile networks.
   - **System select**: Configure CDMA roaming mode.
     - **Home only**: Restricts your tablet to the U.S. Cellular® network.
     - **Automatic**: Permits your tablet to automatically roam to networks other than that provided by U.S. Cellular®.

## Portable Wi-Fi Hotspot

Use Portable Wi-Fi Hotspot to share your tablet's internet connection with up to 5 other devices, through Wi-Fi.

You can control whether devices connect to your Portable Wi-Fi Hotspot with the Allowed device list.

(For more information about using your device as a mobile hotspot, see *"Portable Wi-Fi Hotspot"* on page 126.)

**Note:** Using Portable Wi-Fi Hotspot requires a subscription to data service. For more information, contact U.S. Cellular®.

Using your tablet as a mobile hotspot consumes battery power and uses data service. While Portable Wi-Fi Hotspot is active, your tablet's applications will use U.S. Cellular's data service. Roaming while using your tablet as a mobile hotspot will incur extra data charges.

### Turning Portable Wi-Fi Hotspot On or Off

1. From the **Settings** screen, under **Wireless and network**, touch **More settings** → **Tethering and portable hotspot** → **Portable Wi-Fi hotspot**.
2. Touch **Portable Wi-Fi Hotspot** OFF and follow the prompts to turn Portable Wi-Fi Hotspot On, or touch **Portable Wi-Fi Hotspot** ON to turn Portable Wi-Fi Hotspot Off.

**Note:** Using your tablet as a mobile hotspot consumes battery power and uses data service. While Portable Wi-Fi Hotspot is active, your tablet's applications will use U.S. Cellular's data service. Roaming while using your tablet as a mobile hotspot will incur extra data charges.

**Allowed Devices List**

Control whether devices connect to your Portable Wi-Fi Hotspot with the Allowed devices list. After you add devices to the list, they can scan for your device and connect using your device's Wi-Fi hotspot name (SSID) and password.

**Note:** Using your tablet as a mobile hotspot consumes battery power and uses data service. While the Portable Wi-Fi Hotspot is active, your tablet's applications will use U.S. Cellular®'s data service. Roaming while using your tablet as a mobile hotspot will incur extra data charges.

1. From the **Settings** screen, under **Wireless and network**, touch **More settings** → **Tethering and portable hotspot** → **Portable Wi-Fi hotspot**. The **Portable Wi-Fi hotspot** screen appears.
2. Touch **Allowed devices** → **Add**, then enter the other device's Device name and MAC address.
3. Touch **OK** to add the device to the **Allowed devices** list.

**Tip:** For information about connecting to your Portable Wi-Fi Hotspot, see *"Connecting a Device via Portable Wi-Fi Hotspot"* on page 127.

**Configuring Portable Wi-Fi Hotspot**

1. From the **Settings** screen, under **Wireless and network**, touch **More settings** → **Tethering and portable hotspot** → **Portable Wi-Fi hotspot**. The **Portable Wi-Fi hotspot** screen appears.
2. Touch **Configure** to access the following options:
   - **Network SSID**: View and change the name of your Mobile Hotspot.
   - **Hide my device**: When enabled, your Portable Wi-Fi Hotspot is not visible to other Wi-Fi devices during a scan. Other devices can still connect to your Portable Wi-Fi Hotspot, but will have to set up the connection manually with your Network SSID and Password.
   - **Security**: Choose the security level for your Portable Wi-Fi Hotspot.
   - **Password**: If you choose a security level that uses a password, enter the password. By default, the password is your tablet's mobile telephone number. (For more information, refer to *"About device"* on page 218.)
   - **Show password**: Enable to make the Password field visible.
   - **Show advanced options**: Enable to access advanced options, including Broadcast channel, to specify the channel your device uses for Portable Wi-Fi Hotspot.

3. Touch **Menu** → **Timeout settings** to set the idle time limit for the Wi-Fi hotspot from **Never time-out** to **5 minutes** – **60 minutes**.
4. Touch the Wi-Fi hotspot tab, then select **Allow all devices** or **Only allowed devices**.

### Tethering

Use Tethering to share your tablet's internet connection with a computer that connects to your device via USB cable.

(For more information about connecting computers to your tablet via Tethering, see *"Tethering"* on page 128.)

1. From the **Settings** screen, under **Wireless and network**, touch **More settings** → **Tethering and portable hotspot** . The **Tethering and portable hotspot** screen appears.
2. Connect the computer to the phone with the USB data/charging cable.
3. Touch **USB Tethering** to turn tethering On or Off. When On, a check mark appears in the check box.

**Note:** Using Tethering requires a subscription to your Wireless Provider's mobile data service.

### VPN

Set up and manage Virtual Private Networks (VPNs). (For more information about using VPNs, see *"VPN"* on page 128.)

**Adding a VPN**

1. From the **Settings** screen, touch **Wireless and network** → **More settings** → **VPN**.
2. Touch **Add VPN network** to set up a connection to a VPN, using the following settings:
   - **Name**: Enter a name for the VPN connection.
   - **Type**: Choose the type of VPN.
   - **Server address**: Enter the IP address of the VPN server.
   - **PPP encryption (MPPE)**: Touch to enable or disable encryption.
   - **Show advanced options**: Touch to show more options. Available options depend on the type of VPN you are adding.

**Note:** You must enable at least Pattern security before setting up a VPN. If you have not yet enabled security, you'll be prompted to do so the first time you launch VPN settings.

### Nearby devices

Share files with nearby devices via DLNA (Digital Living Network Alliance) over Wi-Fi.

**Note:** To use Nearby devices for sharing, you must have set up a connection with another Wi-Fi device that supports DLNA.

1. From the **Settings** screen, under **Wireless and network**, touch **More settings** → **Nearby devices**. The **Nearby devices** screen appears.
2. Touch **File sharing** to enable or disable file sharing using DLNA. When enabled, a check mark appears in the check box.
3. Under **Advanced**, touch options to control how content is shared from your device:
   - **Shared contents**: Choose the type of content to share, from **Videos**, **Photos**, or **Music**.
   - **Device name**: View or modify your device's name.
   - **Allowed devices list**: Lists Wi-Fi devices allowed to access your device.
   - **Not-allowed devices list**: Lists Wi-Fi devices blocked from accessing your device.
   - **Download to**: Choose a location to save downloaded content, from USB storage or SD card.
   - **Upload from other devices**: Choose how to handle incoming files from other devices, from **Always accept**, **Always ask**, or **Always reject**.

### AllShare Cast

AllShare Cast lets your device share the contents of its display with other Digital Living Network Alliance (DLNA) certified devices, such as Smart televisions.

(For more information, refer to *"AllShare Cast"* on page 129.)

**Note:** To view more information about DLNA certified products visit http://www.dlna.org/home.

### Kies via Wi-Fi

Wi-Fi configuration and usage by Kies Air.

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Touch **More settings** ➔ **Kies via Wi-Fi**.

   Select the source of the Wi-Fi connection for Kies air.

## Device

### *Blocking Mode*

When Blocking mode is enabled, notifications for selected features will be disabled.

1. From the **Settings** screen, under **Device**, touch **Blocking mode**.
2. In a single motion touch and slide the **Blocking mode** slider to the right to turn it on ON. Confirm that the Blocking mode active icon appears in the Status bar.
3. To block notifications from appearing, touch **Disable notifications**. When enabled, a check mark appears in the check box.
4. To select a specific time interval for this feature to be active, touch **Always** to disable that option (the check mark disappears from the check box), then select values for the **From** and **To** time fields.

## *Sound*

- From the **Settings** screen, under **Device**, touch **Sound**. The **Sound** menu appears.

### Volume

Set the system volume level, and set default volume for call ringtones, notifications, and media playback.

**Note:** You can also set System volume from the Home screen by pressing the **Volume** key Up or Down.

1. From the **Sound** menu, touch **Volume**. The **Volume** menu pops-up.
2. Touch and drag the sliders for:
   - **Music, video, games, and other media**: Set the default volume level for audio playback. You can also adjust volume from this default inside the apps.
   - **Notifications**: Set the volume for notifications, such as new messages and event reminders.
   - **System**: Set the volume for all other system sounds, such as keytones played for screen touches. You can control whether tones play for screen touches with other sound settings.
3. Touch **OK** to save your settings.

### Vibration intensity

Set the level for vibration to accompany ringtones and notifications.

1. From the **Sound** menu, touch **Vibration intensity**. The **Vibration intensity** menu pops-up.
2. Touch and drag the sliders for:
   - **Notification**: Set the vibration level for notifications, such as new messages and event reminders.
   - **Haptic feedback**: Set the vibration level vibrations to accompany screen touches.
3. Touch **OK** to save your settings.

### Default notifications

Choose a default sound to play for notifications, such as for new messages and event reminders.

1. From the **Sound** menu, under **Notifications**, touch **Default notifications**. The **Default notifications** menu pops-up.
2. Touch a sound to select it. When you touch a sound, a sample plays.
3. Touch **OK** to save your selection.

**Tip:** You can also set songs as ringtones. (For more information, refer to *"Music Player"* on page 154.)

### Touch sounds

Touch sounds play when you touch items on the screen, such as when making a selection.

- From the **Sound** menu, under **System**, touch **Touch sounds** to enable or disable touch sounds.

  When **Touch sounds** is enabled, a checkmark appears in the checkbox.

### Screen lock sound

Screen lock sound plays when you lock or unlock the screen.

- From the **Sound** menu, under **System**, touch **Screen lock sound** to enable or disable the Screen lock sound.

  When **Screen lock sound** is enabled, a checkmark appears in the checkbox.

### Haptic feedback

When turned On, the tablet vibrates to indicate screen touches and other interactions.

- From the **Sound** menu, under **System**, touch **Haptic feedback** to turn touch vibrations On or Off.

## *Display*

- From the **Settings** screen, under **Device**, touch **Display**. The **Display** menu appears.

### Wallpaper

Customize the background of the Home and Lock screens.

1. From the **Display** menu, under **General**, touch **Wallpaper**.
2. Select a screen, from **Home screen**, **Lock screen**, or **Home and Lock screens**.
3. Select a source for wallpaper, from **Gallery**, **Live wallpaper**, or **Wallpapers**.
4. Follow the prompts to set the picture or wallpaper.

**Note:** You can also set Wallpaper by touching and holding on the Home screen, then touching **Set wallpaper**.

### Notification panel

Customize the background of the Home and Lock screens.

1. From the **Display** menu, under **General**, touch **Notification panel**.
2. Touch **Brightness adjustment** to enable or disable the screen brightness adjustment in the Notification panel. When enabled, a check mark appears in the check box.
3. You can customize the Quick Settings menu on the Notification Panel. Under **Set quick setting buttons**, touch, hold, and drag buttons between the **Notification panel** and the **Available buttons**.

### Screen mode

Select from several different screen color balance and contrast modes.

1. From the **Display** menu, under **Screen**, touch **Screen mode**.
2. Touch **Dynamic**, **Standard**, or **Movie** then touch **OK**.

### Brightness

Set the default screen brightness.

1. From the **Display** menu, under **Screen**, touch **Brightness**.
2. Touch and drag the slider to set the brightness, or touch **Automatic brightness** to allow the tablet to adjust brightness in response to light conditions.
3. Touch **OK** to save the setting.

### Screen timeout

Set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).

1. From the **Display** menu, under **Screen**, touch **Screen timeout**.
2. Touch a setting between 15 seconds and 30 minutes to select it.

**Tip:** The longer settings consume more battery power.

### Smart stay

When On, the Smart stay feature prevents screen timeout, if you are using your tablet. For example, the tablet uses the front camera to identify your eyes, and keeps the screen bright for continued viewing.

- From the **Display** menu, under **General**, touch **Smart stay** to turn the feature On or Off.

### Font style

Set the font for screen displays.

1. From the **Display** menu, under **Font**, touch **Font style**.
2. Select a font, or touch **Get fonts online** to browse and download a new font.

### Font size

Set the font size for screen displays.

1. From the **Display** menu, under **Font**, touch **Font size**.
2. Select a font size (**Tiny**, **Small**, **Normal**, **Large**, or **Huge**).

### Quick launch

Select the function or app launched by the multi-functional Quick Launch soft key. (To locate the Quick Launch soft key, see *"Home Screen"* on page 28.)

- From the **Display** menu, under **More settings**, touch **Quick launch**. Available options are:
  - **None** (no soft key icon)
  - **Screen capture** ( )
  - **Applications** ( )
  - **Search** ( )
  - **Camera** ()

## *Storage*

Manage the use of memory resources in your tablet's Device memory, and on an installed microSD card.

1. From the **Settings** screen, under **Device**, touch **Storage**. The **Storage** screen appears. The following options are available:
   - **Device memory**: View usage for, and manage, your tablet's internal memory (For detailed information and to manage storage in use, touch any item except **Total space** or **Available space**.):
     - **Total space**: Shows the total installed device memory.
     - **Applications**: Shows the total device memory currently used to store applications.
     - **Pictures, videos**: Shows the total device memory currently used to store pictures and videos.
     - **Audio (music, ringtones, podcasts, etc.)**: Shows the total device memory currently used to store music files, ringtones, and so on.
     - **Miscellaneous files**: Shows the total device memory currently used to store various application data and system data files.

– **Available space**: Shows the total device memory available for use.

- **SD card**: View usage for, and manage, storage space on an optional memory card.
  - **Total space**: Shows the total card memory.
  - **Available space**: Shows the total card memory available for use.
  - **Unmount SD card**: Deactivates the memory card so that you can safely remove it or format it. (For more information, see *"Installing and Removing a Memory Card"* on page 133.)
  - **Format SD card**: Deletes all data from the memory card, including music, videos, and photos. (For more information, see *"Formatting a Memory Card"* on page 134.)

### *Power saving mode*

Configure Power saving settings to conserve battery power.

1. From the **Settings** screen, under **Device**, touch **Power saving mode**. The **Power saving mode** screen appears.
2. Touch **Power saving mode** ON/OFF slider to enable or disable the option:
   - Touch **Power saving mode** OFF to enable Power saving.
   - Touch **Power saving mode** ON to disable Power saving.

   **Power saving mode** must be enabled ( ON ) to configure the **Power saving mode settings**.

3. Under **Power saving mode settings**, Touch the following options to enable or disable them. (When an option is enabled, a check mark appears in its check box.):
   - **CPU power saving**: When enabled, the tablet's maximum performance is limited. This does not affect normal usage, such as browsing and video playback.
   - **Screen power saving**: When enabled, the screen uses reduced frame refresh rate and lower brightness.
   - **Turn off haptic feedback**: When enabled, no vibration plays when you touch the screen.
4. Under **Power saving tips**, touch **Learn about power saving** to read information about Power saving options.

### *Battery*

See how much battery power is being used by device activities.

1. From the **Settings** screen, under **Device**, touch **Battery**. The **Battery** screen appears.
2. View battery usage for applications and services currently running.

   The battery level displays in percentage. The amount of time the battery was used also displays. Battery usage displays in percentages per application.
3. Touch **Screen**, **Internet**, **Android OS**, **Android System**, or any other listed feature or application to view how it is affecting battery use.

**Note:** Other applications that affect battery use may be running.

### *Application manager*

You can download and install applications using the Play Store app, or create applications using the Android SDK (Software Development Kit) and install them on your tablet. Use Application manager to manage applications on your tablet.

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**Warning!** Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

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1. From the **Settings** screen, under **Device**, touch **Application manager**. The **Application manager** screen appears.
2. Touch **Downloaded**, **Running**, or **All** to list the statuses of applications and services. The graph at the bottom of the **Downloaded** tab shows used and free Device memory. The graph at the bottom of the **Running** tab shows used and free RAM.
3. Touch an app or service to display the **App info** or **Active app** screen which provides more detailed storage usage information, and lets you Stop/Force stop or Uninstall/Report and app or service. For Downloaded apps, you can also Clear data, Clear cache, and/or Clear defaults.

## Personal

### *Location services*

Location services control your device's use of GPS signals. Some apps may require one or more location services be turned On for full app functionality.

GPS signals may be affected by your surroundings, including:

- Buildings
- Tunnels or underground structures
- Weather conditions
- High-voltage or electromagnetic fields
- Tinted windows

1. From the **Settings** screen, under **Personal**, touch **Locations services**. The **Location services** screen appears.
2. Touch the following options to enable/disable them. (When an option is enabled, a check mark appears in its check box.):
   - **Use wireless networks**: allows applications to use data from mobile networks and Wi-Fi to help determine your location.
   - **Use GPS satellites**: allows applications to use GPS to pinpoint your location.

**Note: Use GPS satellites** must be enabled to use some applications. You can also enable or disable **GPS** from the Notifications panel. (For more information, refer to *"Notifications"* on page 35.)

**Important!** By selecting **Use GPS satellites**, you are allowing access to all location information by any third party through web access or any software or peripheral components you choose to install, download, add, or attach to the device or any other means.

   - **Location and Google search**: allows Google to use your location data for improved search results and other services.

**Note:** Google location services must be enabled to use some applications.

**Important!** By selecting **Location and Google search**, you are allowing Google's location service to collect anonymous location data. Some data may be stored on your device. Collection may occur even when no apps are running.

### *Lock screen*

Choose settings for locking and unlocking your tablet's screen.

(For more information about using the lock and unlock features, see *"Securing Your Device"* on page 17.)

- From the **Settings** screen, under **Personal**, touch **Lock screen**. The following options are available:
  - **Screen lock**: Touch one of the following options to select it as your custom screen lock/unlock method:
    - **Swipe**: When enabled, you unlock the tablet by swiping your finger across the screen. This is the default screen lock, and offers no security.
    - **Face unlock**: When enabled, you unlock the tablet by looking at the screen. This option offers low security, because someone who looks similar to you could unlock your tablet. Touch the option for more information, and to set up Face unlock.
    - **Face and voice**: When enabled, you unlock the tablet by looking at the screen and speaking. This option offers low security, because someone who looks and/or sounds similar to you could unlock your tablet. Touch the option for more information, and to set up Face unlock.
    - **Pattern**: When enabled, you draw a pattern, which you create, on the screen to unlock the tablet. Touch the option, then follow the prompts to create or change your screen unlock pattern.
    - **PIN**: When enabled, you enter a numeric PIN (Personal Identification Number), which you create, to unlock the tablet.
    - **Password**: When enabled, you enter an alphanumeric password, which you create, to unlock the tablet.
    - **None**: Disable all custom screen lock settings, to use the default swipe unlock screen.
  - **Lock screen options**: Touch this option and the **Lock screen options** screen appears with the following additional options available:

**Note:** The Lock screen options are only available when the **Screen lock** option is set to **Swipe** or **Motion**.

- **Shortcuts**: When enabled, application shortcuts appear on the lock screen. Swipe an icon to launch the associated application.
  Touch **Shortcuts** OFF to enable lock screen shortcuts.
  Touch **Shortcuts** ON to disable lock screen shortcuts.
  Touch **Shortcuts** to add/remove lock screen shortcuts.

– **Information ticker**: When enabled, a news or stock information ticker appears on the lock screen.
Touch **Information ticker** OFF to enable the lock screen information ticker.
Touch **Information ticker** ON to disable the lock screen information ticker.
Touch **Information ticker** to configure the lock screen information ticker.

– **Clock**: Touch this option to enable/disable a clock display on the lock screen. When enabled, a check mark appears in the check box.

– **Dual clock**: When enabled, a clock displaying two time zones appears on the lock screen.
Touch **Information ticker** OFF to enable the lock screen dual clock.
Touch **Information ticker** ON to disable the lock screen dual clock.
Touch **Information ticker** to configure the lock screen dual clock.

– **Weather**: When enabled, weather information for your current location appears on the lock screen.
Touch **Information ticker** OFF to enable the lock screen weather display.
Touch **Information ticker** ON to disable the lock screen weather display.
Touch **Information ticker** to configure the lock screen weather display.

– **Ripple effect**: Touch this option to enable/disable showing a ripple effect on the lock screen, provided the lock screen wallpaper is not “live”. When enabled, a check mark appears in the check box.

– **Help text**: Touch this option to enable/disable showing text explanations of lock screen features. When enabled, a check mark appears in the check box.

– **Wake up in lock screen**: Touch this option to enable/disable unlocking your tablet by saying the S Voice wake-up command. When enabled, a check mark appears in the check box. (For more information about S Voice, see *“S Voice”* on page 162.)

– **Set wake-up command**: Touch this option and to configure the S Voice wake-up command functions. (For more information about S Voice, see *“S Voice”* on page 162.)

- **Popup Note on lock screen**: Touch this option to enable/disable accessing the Popup Note feature from your lock screen by using the S Pen.
- **Owner information**: Touch this option to enter text you want displayed on the Lock screen. The following options are available:
  - **Show owner info on lock screen**: When enabled, displays text you enter in the text box on the Lock screen.
  - **Enter text to display on lock screen**: In this box, enter text you want displayed on the lock screen. (For more information about entering text, see *"Entering Text"* on page 47.)

## *Security*

- From the **Settings** screen, under **Personal**, touch **Security**. The **Security** screen appears.

### Encryption

As a security measure, you can encrypt the contents of your tablet or an installed memory card, and require a password each time you turn on the tablet or access the memory card.

Encryption may take an hour or more to complete. Start with a charged battery, and attach the charger until encryption is complete. Loss of power or other interruption may cause the loss of some or all data.

Once your information is encrypted you will be prompted to enter your decryption password each time you turn your tablet on.

- From the **Security** screen, under **Encryption**, touch the following options to encrypt your information:
  - **Encrypt device**: Touch this option to encrypt accounts, settings, downloaded applications and data, media files, and more under a password you specify.

- **Encrypt external SD card**: Touch this option to encrypt selected information stored on a microSD memory card under a password you specify. The following additional **Encryption settings** are available:
  - **Encrypt**: When enabled, new files on the memory card will be encrypted as they are added.
  - **Full encryption**: When enabled, all files on the memory card will be encrypted.
  - **Exclude multimedia files**: When enabled, multimedia files on the memory card will not be encrypted.

### Passwords

When enabled, password characters display briefly as you enter them.

- From the **Security** screen, under **Passwords**, touch the following option to enable/disable it: (When the option is enabled, a check mark appears in the check box.)
  - **Make passwords visible**: When enabled, briefly displays password characters as you enter them.

### Device administration

View or disable device administrators. Some applications, such as corporate Email, may require you allow access to your device by device administrators in certain circumstances, such as if your tablet is lost or stolen.

Some features a device administrator might control include:

- Setting the number of failed password attempts before the tablet is restored to factory settings.
- Automatically locking the tablet.
- Restoring factory settings on the tablet.

- From the **Security** screen, under **Device administration**, touch the following options to enable/disable them: (When an option is enabled, a check mark appears in its check box.)
  - **Device administrators**: View, add, or remove device administrators.
  - **Unknown sources**: When enabled, you can install applications from sources other than Play Store.

**Warning!** Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

### Credential storage

You can install credentials with an application, from device storage, or from an installed memory card, and use the **Credential storage** settings to allow applications to access the secure certificates and other credentials.

- From the **Security** screen, under **Credential storage**, touch the following options to enable/disable them. (When an option is enabled, a check mark appears in its check box.):
  - **Trusted credentials**: View, enable, or disable trusted CA certificates.
  - **Install from device storage**: Install encrypted certificates from an installed memory card.
  - **Clear credentials**: Clear stored credentials and reset the password.

**Note:** You must have installed a memory card containing encrypted certificates to use this feature.

**Note:** This setting is active only if you have installed security credentials.

## *Language and input*

- From the **Settings** screen, under **Personal**, touch **Language and input**. The **Language and input** screen appears.

### Language

Select the language used in your tablet's screens.

- From the **Language and input** screen, touch **Language** to select the language used in your tablet's screens.

### Keyboards and input methods

Configure text entry options to your preferences.

- From the **Language and input** screen, under **Keyboards and input methods**, touch the check box next to each of the following options to enable it. (When enabled, a check mark appears in the check box.):
  - **Default**: Select **Samsung keyboard** or **Swype** as the default method for manually entering text.

**Note:** This option cannot be changed.

- **Google voice typing**: Lets you vocally dictate the text entered into a field. Touch beside Google voice typing to configure the following options:
  - **Choose input languages**: Select languages for Google voice typing. Select **Automatic** to use the Default language exclusively, or choose other language(s).
  - **Block offensive words**: When enabled, words many people find offensive are not shown in results of Google voice searches. Offensive words are replaced in results with a placeholder (####).
  - **Download offline speech recognition**: Touch to download and install software that lets you use Google voice typing while not connected to any network, such as in Airplane mode. (For more information, refer to *"Airplane mode"* on page 177.)
- **Samsung keyboard**: Touch beside Samsung keypad to configure the following options:

**Note:** This option cannot be disabled.

  - **Input languages**: Select languages for the Samsung keyboard.

**Tip:** When you have more than one language selected, you can slide your finger on the space bar while entering text to switch languages.

  - **Predictive text**: When enabled, Predictive text suggests words matching your text entries and optionally, complete common words automatically. Touch **Predictive text** OFF to enable T9 Predictive text, touch **Predictive text** ON to disable T9 Predictive text. Touch the **Predictive text** tab to configure the following options:

    **Personalized data**: When enabled, Predictive text learns from your text entries in Gmail messages and in postings to social networking sites Facebook and Twitter. You can clear your anonymous data stored on the personalization server, and your personalized data.

– **Continuous input**: When enabled, you can sweep your finger over keypad letters to enter words. When you lift your finger, a word matching your sweep is entered automatically. Available when Predictive text is turned On.

– **Pen detection**: When enabled and with the S Pen out of its holder, launching a function or an app that requires text input or touching a text input field automatically changes the keyboard input mode to Handwriting recognition.

– **Handwriting**: Samsung keyboard recognizes on-screen tracing of words. Touch this tab to configure the following options:

**Input languages**: Select languages for the Samsung keyboard.
**Recognition time**: Select 100 ms, 300 ms, 500 ms, 1000 ms, or 2000 ms.
**Pen thickness**: Select 1 pixel, 3 pixels, 5 pixels, 7 pixels, or 9 pixels.
**Pen color**: Select Black, Red, Blue, Green, or Brown.
**Recognition type**: Select Stroke recognition or Complete recognition.
**Gesture guide**: Shows gestures for text editing functions.
**Tutorial**: Shows explanation of how to write by hand so that the tablet will accept your input.
**About**: Lists the Build, DHWR, and DioWord+ release versions.

– **Advanced**: Touch this tab to configure the following options:

**Auto-capitalization**: When enabled, T9 automatically capitalizes words in your text based on common usage, such as at the beginning of sentences.
**Auto-punctuate**: When enabled, a period and space are automatically entered to end a sentence, when you tap the space bar twice.
**Character preview**: When enabled, characters available on the key you touch display briefly as you enter text.
**Key-tap vibration**: When enabled, a vibration plays for your key touches.
**Key-tap sound**: When enabled, a sound plays for your key touches.

– **Tutorial**: View help for using T9 Predictive text.

– **Reset settings**: Touch to reset Samsung keyboard settings to the defaults, except for My word list and the Auto substitution list.

• **Swype**: Touch beside Swype to configure the following options:

– **How to Swype**: View an on-screen manual for Swype.

– **Gestures**: View information about gestures you can use with the Swype keyboard.

– **Preferences**: The following settings are available:

**Vibrate on keypress**: activates a vibration sensation as you enter text using the keypad.

**Sound on keypresses**: turns on sounds generated by the Swype application.

**Show helpful tips**: turns on a flashing indicator for quick help.

**Auto-spacing**: automatically inserts a space between words. When you finish a word, just lift your finger or stylus and start the next word.

**Auto-capitalization**: automatically capitalizes the first letter of a sentence.

**Show complete trace**: once enabled, sets wether or not to display the complete Swype path.

**Next word prediction**: once enabled, predicts the next word in your text string based on your current text entries.

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**Note:** If incorrect words are being entered as you type, disabled this feature.

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**Reset Swype's dictionary**: once enabled, deletes any words you have added to Swype's dictionary.

**Version**: displays the software version information.

– **Language Options**: Activate and select the current text input language. Default language is English.

– **Swype Connect**: Activate social media personalization and configure data settings.

**Register now**: Select or add an email account to register with Swype for automatic new word downloads, backup of your Swype dictionary, synchronization of your Swype dictionary across multiple devices.

**Backup & Sync**: When enabled, backs up your Swype dictionary and synchronizes it across multiple devices.

**Contribute data usage**: when enabled, allows the Nuance® application to collect usage data for better word predictions.

**Cellular data**: when enabled, activates cellular data usage by the Swype application so it can receive program updates, language downloads, and other related features via your existing data connection.

– **Personalization**: Access and manage your personal dictionary.

**Edit Dictionary**: Review and manage the words saved in your personal Swype dictionary.

**Facebook**: allows you to log into your current Facebook account from where contact names are added to your Swpe's personal dictionary for later use when you enter names into text fields. Helps recognize familiar names.

**Twitter**: allows you to sing into your existing Twitter account from where names and words are added to your personal dictionary. Helps recognize familiar names and words.

**Gmail**: allows you to sign in to your existing Gmail account from where existing contact information is added to your personal dictionary. Helps recognize familiar names.

– **Updates**: Update Swype if new software is available.

### Speech

- From the **Language and input** screen, under **Speech**, the following options are available:
  - **Voice search**: Configure how **Voice search** reacts to your speech.
    - **Language**: Choose a language for voice searching.
    - **Speech output**: Select whether to Always speak or when Hands-free only.
    - **Block offensive words**: When enabled, words many people find offensive are not shown in results of Google voice searches. Offensive words are replaced in results with a placeholder (####).
    - **Hotword detection**: When enabled, your tablet launches Voice search when you say "Google".
    - **Download offline speech recognition**: Downloads software that lets you use speech recognition when your phone is off-line.
    - **Personalized recognition**: Train **Voice search** to more accurately recognize your voice.
    - **Google Account dashboard**: Manage data collected under your Google account.

- **Text-to-speech output**: Provides audible readout of text, for example, the contents of text messages, and the Caller ID for incoming calls.
  - **Preferred TTS engine**: Select **Google Text-to-speech Engine**, or **Samsung TTS**.
  - **General**:

    **Speech rate**: Choose a rate at which text readouts are spoken.
    **Listen to an example**: Play a sample of speech synthesis.
    **Driving mode**: When enabled, incoming calls and new notifications are read out automatically.
    Touch **Driving mode** OFF to enable Driving mode.
    Touch **Driving mode** ON to disable Driving mode.
    Touch **Driving mode** to choose items to be read out when Driving mode is enabled (Incoming call, Message, New emails, New voicemail, Alarm, Schedule, and/or Unlock screen).

### Mouse/trackpad

Customize the response of your screen swipes.

- From the **Language and input** screen, under **Mouse/trackpad**, touch **Pointer speed**, then touch and drag along the scale to set the pointer speed.

## *Cloud*

The Cloud settings let you link your phone to a cloud-based storage site for backing up your Samsung account personal data and your apps data.

1. From the **Settings** screen, under **Personal**, touch **Cloud**. The **Cloud** screen appears.
2. Under **Personal data management**, you can manage your **Samsung** account, your personal data **Sync settings**, and your **Device backup** and restore settings.
3. Under **Content sync**, you can link your phone to your existing or new Dropbox account.

## *Back up and reset*

Set options for backing up your information and resetting your device.

- From the **Settings** screen, under **Personal**, touch **Backup and reset**. The **Backup and reset** screen appears.

### Backup and restore

- From the **Backup and reset** screen, under **Backup and restore**, touch the check box next to each of the following options to enable it: (When enabled, a check mark appears in the check box.)
  - **Back up my data**: Backs up app data, Wi-Fi passwords, and other tablet settings to Google servers.
  - **Backup account**: Select or set-up a Google account your tablet will use to backup your app data, Wi-Fi passwords, and other tablet settings.
  - **Automatic restore**: Automatically restore app data, Wi-Fi passwords, and other tablet settings from your automatic backup.

### Personal data

**Factory data reset**

Use Factory data reset to return all settings to the defaults, and remove all data from the tablet.

- From the **Backup and reset** screen, under **Personal data**, touch **Factory data reset** to return all settings to the defaults, and remove all data from the tablet.

**Important!** Settings and data erased in a Factory data reset cannot be recovered. To save your settings, you can use Back up my data settings before a reset.

## Accounts

Set up and manage accounts, including your Samsung, Email, Google, and social networking accounts.

1. From the **Settings** screen, under **Accounts**, touch an account type (**Samsung account**, **ChatON**, **Dropbox**, **Email**, **Facebook**, **Google**, **LDAP**, or **Microsoft Exchange ActiveSync**). The respective Account type screen appears.
2. Under **Accounts**, touch an account name. The **Sync settings** menu appears with a number of the following synchronization options:
   - **Sync Calendar**
   - **Sync Contacts**
   - **Sync Email**
   - **Sync Gmail**
   - **Sync Google Photos**
   - **Sync Google Play Books**
   - **Sync Google Play Magazines**
   - **Sync Google Play Movies & TV**
   - **Sync Google Play Music**
   - **Sync Internet**
   - **Sync Picasa Web Albums**
   - **Sync Tasks**
3. Return to the Account type screen by touching **Back**.
4. Under **General settings** or **Common settings**, touch **Settings** or **Account settings**. The **General preferences** menu appears listing the following available options:
   - **General preferences**:
     - **Auto-advance**: Select whether to Go to the **Next message**, the **Previous message**, or to return to the **Message list** after you delete, move, and so on, a conversation.
     - **Message preview line**: Select the number of message text lines that will appear with the Email title for each message in a message folder.
     - **Email title**: Select the message line (**Subject** or **Sender**) that will appear as the title of each message in a message folder.
     - **Confirm deletions**: When enabled, a check mark appears in the check box, indicating that you will be prompted to confirm deletion when you select a message to delete.
     - **Quick responses**: Frequently used, precomposed text that you can add to your messages.

- **Priority sender inbox**:
  - **Priority senders**: Lets you create and maintain a list of senders whose messages will be marked as priority when they are received.
  - **Email notifications**: When enabled, a check mark appears in the check box, indicating that a new message notification will appear on the status bar when your phone receives a new message for this account.
  - **Select ringtone**: Select the ringtone that plays when your phone receives a new message for this account.
  - **Vibrate**: When enabled, a check mark appears in the check box, indicating that your phone will vibrate when it receives a new message for this account.
- **Add account**: Touch to launch the **Add account** screen, select the desired account type, follow the prompts to define the account to your tablet.

### *Samsung account*

1. From the **Settings** screen, under **Accounts**, touch **Add account** ➔ **Samsung account**. The **Samsung account** screen appears.
2. Under **General settings**, touch **Account settings**. The following options are available:
   - **Account information**:
     - **Profile** (password protected): Change password and view Email address, Date pf birth, Name prefix, First name, Lastname, Zip code, Nickname, and Receive newsletter status for your account.
     - **Terms and conditions**: Review Country or region, Terms and conditions, and Privacy policy information.
     - **Help**: Find your email address or password, Contact us with a text message, or review Customer support information [My questions, FAQ (Frequently Asked Questions), or Contact us].

- **Device backup**:
  - **Auto backup**: When set to On for at least an hour and connected to a Wi-Fi network and with the screen off and the device charging, your data is backed up automatically.
  - **Backup options**: Select the data to be backed up [Logs, Messages (SMS), Messages (MMS), and/or Wallpaper].
  - **Back up now**: Immediately backup your data. Also shows when your data was Last backed up.
  - **Restore**: Immediately restore your backed up data to your device.

### *Dropbox*

1. From the **Settings** screen, under **Accounts**, touch **Add account → Dropbox**. The **Welcome to Dropbox!** screen appears.
2. Follow the prompts to set up a Dropbox account or a link to an existing Dropbox account.

### *Email Account Settings*

1. From the **Settings** screen, under **Accounts**, touch **Email**. The respective Account type screen appears.
2. Under **General settings** or **Common settings**, touch **Settings** or **Account settings**. The **General preferences** menu appears.
3. In the left-hand column, touch your personal email account name. The following options appear in the right-hand colument:
   - **Common settings**:
     - **Account name**: Enter a name to identify the account.
     - **Your name**: Enter a name to identify you to your email recipients.
     - **Signature**: When On, adds pre-composed signature text to send messages. Touch to edit the signature text that appears at the end of email messages you send.
     - **Default account**: When active, sends email from this account by default.
     - **Always Cc/Bcc myself**: Adds your email address to None of send email messages or to Cc or Bcc field of send email messages.

– **Forward with files**: Enables including copies of any attached files when forwarding a copy of an email message.
– **Recent messages**: Select the number of messages (25, 50, 75, 100, 200, Total) that appear in your message list.
– **Show images**: When enabled, images included in incoming messages are automatically downloaded and displayed.

- **Data usage**:
  – **Sync Email**: When enabled, the contents of your phone's email folder is synchronized with your account.
  – **Auto download attachments**: When enabled, items attached to incoming messages are automatically downloaded with the messages.
  – **Size to retrieve emails**: Select the amount of new incoming message contents to include in your message list.
  – **Auto resend times**: Select the number of times your phone is to attempt to send an outgoing message before marking it as un-sent.
- **Sync settings**:
  – **Sync schedule**: Peak/Off-peak schedule control.
- **Notification settings**:
  – **Email notifications**: Enable or disable display of a new email icon in the Annunciator line when new mail arrives.
  – **Select ringtone**: Assign a ringtone for new email notifications.
  – **Vibration**: Enable or disable vibration with new email notifications.
- **Server settings**:
  – **Incoming settings**: Modify settings (including password) for accessing the email server to retrieve incoming email messages.
  – **Outgoing settings**: Modify settings (including password) for accessing the email server to send email messages.

### *Facebook*

1. From the **Settings** screen, under **Accounts**, touch **Add account → Facebook**. The **Play store - Facebook Install** screen appears.
2. Follow the prompts to install and launch the Facebook app and to set up a Facebook account or a link to an existing account.

### *Gmail Account Settings*

1. From a Home screen, touch **Apps** ➔ **Gmail**.
2. Touch **Menu** ➔ **Settings** ➔ **General settings**. The following options are available in the right-hand column:
   - **Confirm before deleting**: Have your device prompt you to confirm Delete actions.
   - **Confirm before archiving**: Have your device prompt you to confirm archiving actions.
   - **Confirm before sending**: Have your device prompt you to confirm Send actions.
   - **Swiping conversation list**: Choose whether Swiping the conversation list Has no effect, Archives or deletes, or Always deletes conversations or labels.
   - **Auto-fit messages**: When enabled, shrinks messages to fit the screen and allows zooming.
   - **Auto-advance**: Choose a screen to show after you delete or archive a conversation.
   - **Clear search history**: Remove previous searches you performed.
   - **Hide pictures in messages**: Stops pictures from displaying automatically in messages until you allow it for a sender.
3. In the left-hand column, touch a Gmail account name. The following options are available:
   - **Priority Inbox**: This setting is only available if you have configured Gmail on the web to show Priority Inbox. If available, you can set Priority Inbox as the conversation list to open when you have new mail, rather than Inbox.
   - **Notifications**: When enabled, notifications for new email appear in the Status Bar.
   - **Sound & vibrate**: If Email notifications is enabled, touch this field to set the following options:
     - **Sync messages**: Sync options are: None, Last 30 days, or All.
     - **Notifications**: When enabled, notifications for new email appear in the Status Bar.

       **Sound**: Choose a ringtone for new Gmail notifications or use the default ringtone and then touch **OK**.

       **Vibrate**: When enabled, your tablet vibrates with new Gmail notifications.

       **Notify once**: When enabled, a notification appears in the Status Bar for new email, not for every new message.

- **Signature**: Create a text signature to add to outgoing messages.
- **DATA USAGE**:
  - **Gmail sync is ON/OFF**: Indicates whether you have Gmail synchronization turned on for this account in the **Account and sync** settings. Touch to open those settings.
  - **Days of mail to sync**: Set the number days to sync email for this Gmail account.
  - **Manage labels**: Choose which labels are synchronized.
  - **Download attachments**: Enable or disable auto-download of files attached to recent messages when connected through Wi-Fi.

4. In the left-hand column, touch **About Gmail**. Information about the Gmail app (Version, copyright information, Send feedback, Report a problem, Open source licenses, Privacy Policy) appears with links to additional on-line information.

### *LDAP*

1. From the **Settings** screen, under **Accounts**, touch **Add account → LDAP**. The **Set up an LDAP account** screen appears.
2. Follow the prompts to set up an LDAP account link.

### *Microsoft Exchange ActiveSync Account Settings*

1. From the **Settings** screen, under **Accounts**, touch **Email**. The respective Account type screen appears.
2. Under **General settings** or **Common settings**, touch **Settings** or **Account settings**. The **General preferences** menu appears.
3. In the left-hand column, touch your Microsoft Exchange ActiveSync email account name. The following options appear in the right-hand column:
   - **Common settings**:
     - **Account name**: Enter a name to identify the account.
     - **Your name**: Enter a name to identify you to your email recipients.
     - **Signature**: When On, adds pre-composed signature text to send messages. Touch to edit the signature text that appears at the end of email messages you send.
     - **Default account**: Touch to assign or un-assign this account as the default account for sending email from your phone.
     - **Always Cc/Bcc myself**: Adds your email address to None of send email messages or to Cc or Bcc field of send email messages.
     - **Forward with files**: When enabled, includes copies of any attached files when forwarding a copy of an email message.
     - **Show images**: When enabled, images included in messages automatically display, without a confirmation pop-up.
   - **Data usage**:
     - **Auto download attachments**: When enabled, automatically downloads attachments to recent messages, but only when your device is connected to a Wi-Fi network.
   - **Exchange ActiveSync settings**:
     - **Period to sync email**: Choose the number days worth of email messages the phone and server will synchronize. Choose from: **All, 1 day**, **3 days**, **1 week**, **2 weeks**, or **1 month**.
     - **Empty server trash**: Delete your email account's trash bin remotely.
     - **Sync schedule** Choose your email automatic synchronization schedule.
     - **Folder sync settings**: Choose email automatic synchronization schedules for individual folders.

- **Out of office settings:** Enable/disable your account's out of office settings, choose the start/end dates, and enter/change your outgoing messages.
- **Size to retrieve emails**: Choose how much of each message your phone retrieves before you view it.
- **Period to sync Calendar:** Choose the period of time for your phone to synchronize calendar events (**2 weeks, 1 month**, **3 months**, **6 months**, or **All calendar**).
- **In case of sync conflict**: Choose whether your Device has priority or the Server has priority during automatic synchronization.
- **Auto resend times**: Choose the number of times to automatically resend a message before marking it un-sent.

- **Notification settings**
  - **Email notifications**: Enable or disable display of a new email icon in the Annunciator line when new mail arrives.
  - **Select ringtone**: Assign a ringtone for new email notifications.
  - **Vibrate**: Enable or disable vibration with new email notifications.
- **Server settings**
  - **Exchange server settings**: Change the email server link settings (including password) on your device.
  - **Sync Email**: Synchronize your phone's email inbox with the Exchange server's email inbox.
  - **Sync Contacts**: Synchronize your phone's contacts list with the Exchange server's contacts list.
  - **Sync Calendar**: Synchronize your phone's calendar with the Exchange server's calendar.
  - **Sync Task**: Synchronize your phone's Task list with the Exchange server's Task list.

## System

### *Motion*

Motion lets you control a number of your tablet's functions by moving your hand or finger across the screen in a particular pattern or by moving the tablet itself in a particular way.

**Note:** For more information about using Motion, see *"Using Motions"* on page 34.

1. From the **Settings** screen, under **System**, touch **Motion**. The **Motion** screen appears.
2. Touch **Motion activation** to enable/disable your tablet's ability to recognize active gestures. (When this option is enabled, a check mark appears in the check box.)
3. Configure motion options by touch the options or by touching the OFF setting to enable them, or touching the ON setting to disable them:
   - **Tilt to zoom**: When enabled, tilting the tablet while in Gallery or Internet causes the screen to zoom in or out.
   - **Pan to move icon**: When enabled, moving the tablet in a panning motion (side-to-side) moves a highlighted icon to a new location on the Home screen.
   - **Pan to browse images**: When enabled, moving the tablet in a panning motion while viewing an image moves focus around in the image.
   - **Sensitivity settings**: Touch and slide to adjust the sensitivity of your tablet to Tilt to zoom, Pan to move icon, and Pan to browse images motions.
   - **Learn about motions**: View animated demonstrations of Tilt to zoom, Pan to move icon, and Pan to browse images motions.

## S Pen

Configure your tablet's responses to the S Pen.

1. From the **Settings** screen, under **System**, touch **S Pen**. The **S Pen** menu appears.
2. Configure S Pen options by touching the options or by touching the OFF setting to enable them, or touching the ON setting to disable them:
   - **Pen attach/detach sound**: Select whether any of 3 available sounds plays when you remove the S Pen from its slot or insert it into the slot.
   - **Battery saving**: When enabled, saves battery life by disabling S Pen detection when the S Pen is in its slot.
   - **Air view**: When on, lets you view more information by holding the S Pen tip near the screen, over a selection.
   - **Sound and haptic feedback**: When enabled, sounds and haptic vibrations play in response to S Pen motions and selections.
   - **Quick Command settings**: Review and create S Pen motion shortcuts for launching apps, predefined tasks, and so on.
   - **S Pen help**: View explanations of S Pen Air view, Gestures, and Quick commands.

## Accessory

Configure your tablet's behavior when you connect it to optional accessories (not included).

- From the **Settings** screen, under **System**, touch **Accessory**. The **Accessory** screen appears.

### Dock

Configure your tablet's behavior when it is connected to an optional Dock (not included).

- From the **Accessory** screen, under **Dock**, touch the check box next to the following option to enable or disable it: (When enabled, a check mark appears in the check box.)
  - **Dock sound**: When enabled, a sound plays when you insert and remove the tablet from the Dock.

### HDMI

Configure your tablet's behavior when you connect it to an HD television or an amplifier using an optional HDTV Adapter (not included).

- From the **Accessory** screen, under **HDMI**, the following option is available:
  - **Audio output**: Select the quality of sound to be produced (Stereo or Surround).

### *Date and time*

By default, your tablet receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the Date & time settings.

1. From the **Settings** screen, under **System**, touch **Date and time**.
2. Touch a setting to configure:
   - **Automatic date and time**: When enabled, the tablet takes date and time updates from the wireless network (disables Set date, Set time, and Select time zone).
   - **Set date**: Enter the current date (only available when Automatic date and time is disabled).
   - **Set time**: Enter the current time (only available when Automatic date and time is disabled).
   - **Automatic time zone**: When enabled, the tablet uses the network-provided time zone.
   - **Select time zone**: Choose your local time zone (only available when Automatic date and time is disabled).
   - **Use 24-hour format**: Set the format for time displays.
   - **Select date format**: Set the format for date displays.

## *Accessibility*

Your tablet offers features to make using it easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

- From the **Settings** screen, under **System**, touch **Accessibility**. The **Accessibility** screen appears.

### System options

- From the **Accessibility** screen, under **System**, touch the check box next to each of the following options to enable it: (When enabled, a check mark appears in the check box.)
  - **Auto-rotate screen**: The screen's orientation automatically changes when you rotate the tablet.
    You can also set Auto rotate on the Quick Settings panel with the **Screen rotation** setting. (For more information, refer to *"Quick Settings"* on page 36.)
  - **Screen timeout**: Set the length of delay (from 15 seconds to 30 minutes) between the last key press or screen touch and the automatic screen timeout (dim and lock).
  - **Speak passwords**: Lets you speak passwords for log-ins.
  - **Accessibility shortcut**: Adds an **Accessibility settings** option to the **Device options** menu (appears when you press and hold the **Power/Lock** key. This provides quick access to the **Accessibility** settings, to make changes as you use the tablet.

### Services option

Enable or disable accessibility services.

**TalkBack**

- From the **Accessibility** screen, under **Services**, touch the following option:
  - **TalkBack**: When enabled in the **TalkBack** screen, recites menu options, application titles, contacts, and other items when scrolling and making selections, according to the **Settings** values you select.

### Vision options

- From the **Accessibility** screen, under **Vision**, touch the check box next to each of the following options to enable it: (When enabled, a check mark appears in the check box.)
  - **Font size**: Set the font size for screen displays (Tiny, Small, Normal, Large, Huge).

- **Negative colors**: Reverses the colors on the screen.
- **Text-to-speech output**: Select your Preferred TTS engine and Speech rate, Listen to an example, and/or enable/disable Driving mode.
- **Enhance web accessibility**: Select whether or not to allow apps to install scripts from Google that make their Web content mor accessible.

### Hearing options

- From the **Accessibility** screen, under **Hearing**, touch the check box next to each of the following options to enable it: (When enabled, a check mark appears in the check box.)
  - **Sound balance**: Adjust media player volume in the left and right stereo channels to suit your hearing when using earphones.
  - **Mono audio**: Delivers monophonic sound to support listening with a wired or Bluetooth headset with one earphone.
  - **Turn off all sounds**: Disables all sounds, including the voice portion of calls.

### Mobility option

- From the **Accessibility** screen, under **Mobility**, touch the following option:
  - **Tap and hold delay**: Select the length of time the tablet considers a screen touch before interpreting a touch as touch-and-hold (Short, Medium, Long).

## *Developer options*

Use the Developer options to set options for Android application development and testing.

1. From the **Settings** screen, under **System**, touch **Developer options**.
2. From the **Developer options** screen, touch the check box next to each of the following options to enable it: (When enabled, a check mark appears in the check box.)
   - **Desktop backup password**: Set or change a password to protect desktop backups.
   - **Stay awake**: When enabled, the screen never sleeps while the tablet is connected to a battery charger.
   - **Protect SD card**: When enabled, apps must request permission to read an optional microSD memory card.

3. From the **Developer options** screen, under **Debugging**, touch the check box next to each of the following options to enable it: (When enabled, a check mark appears in the check box.)
   - **USB debugging**: When enabled, allows debugging when the device is attached to a PC by a USB cable.
   - **Allow mock locations**: Used by developers when developing location-based applications.
   - **Select app to be debugged**: Select which of your apps you want to debug.
   - **Wait for debugged**: When enabled, delays your selected app from launching until the debugger has attached.
4. From the **Developer options** screen, under **Input**, touch the check box next to each of the following options to enable it: (When enabled, a check mark appears in the check box.)
   - **Show touches**: Displays touch interactions on the screen.
   - **Show pointer location**: Highlights the data that was touched on the screen.
5. From the **Developer options** screen, under **Drawing**, touch the check box next to each of the following options to enable it: (When enabled, a check mark appears in the check box.)
   - **Show layout boundaries**: When enabled, clip boundaries, margins are highlighted.
   - **Show GPU view updates**: When enabled, views inside windows flash when drawn with the GPU.
   - **Show screen updates**: Areas of the screen flash when they update.
   - **Window animation scale**: Configure the scale for animation (ranges from off to 10x).
   - **Transition animation scale**: Configure the scale for transitioning when using animation (ranges from Off to 10x).
   - **Animator duration scale**: Configure the scale for duration of animations (ranges from Off to 10x).
   - **Disable hardware overlays**: When enabled, the GPU is always used for screen compositing.
   - **Force GPU rendering**: Uses a 2D acceleration in applications.

6. From the **Developer options** screen, under **Monitoring**, touch the check box next to each of the following options to enable it: (When enabled, a check mark appears in the check box.)
   - **Strict mode**: The screen flashes when applications perform long operations on the main thread.
   - **Show CPU usage**: Screen highlights the current CPU usage.
   - **GPU rendering profile**: When enabled, measurements of rendering time are stored in adp shell dumpsys gfxinfo.
   - **Enable traces**: Enable/disable traces for Graphics, Input, View, WebView, Window Manager, Activity Manager, Sync Manager, Audio, and/or Video.

7. From the **Developer options** screen, under **Apps**, touch the check box next to each of the following options to enable it: (When enabled, a check mark appears in the check box.)
   - **Do not keep activities**: Destroys every activity as soon as the application is closed.
   - **Limit background processes**: Set the number of processes that can run in background. Options are: Standard limit, No background processes, and 1 to 4 processes at most.
   - **Show all ANRs**: Displays a prompt when applications running in background are not responding.

## About device

View information about your tablet, including status, legal information, hardware and software versions, and a tutorial.

1. From the **Settings** screen, under **System**, touch **About device**.
2. Touch options to view details:
   - **Software update**: Check availability and install updates.
   - **Status**: View Battery status, Battery level, Network, Signal strength, Mobile network type, Service state, Roaming, Mobile network state, My phone number, MIN, PRL version, MEID, IMEI, ICCID, IP address, Wi-Fi MAC address, Bluetooth address, Up time, and Device status.
   - **Legal information**: Display open source licenses, configure license settings, including your DivX VOD registration, and Google info.
   - **Model number**: View your tablet's model number.
   - **Android version**: View the firmware version of your tablet.
   - **Baseband version**: View the baseband version of your tablet.
   - **Kernel version**: View the kernel version of your tablet.
   - **Build number**: View the build number of your tablet.
   - **Hardware version**: View the hardware version of your tablet.

### *Software Update*

Software Update lets your tablet connect to the network and download any new device software directly to your tablet. The tablet automatically updates with the latest available software when you access this option.

1. From the **Settings** screen, under **System**, touch **About device** ➔ **Software update**. A Disclaimer screen appears.
2. To proceed to Software Update, touch **Confirm**. Your device registers itself with U.S. Cellular's Software Update service, connects with U.S. Cellular's server, and scans for software updates.
3. At the **Software update** prompt, touch **OK** to continue.
4. The tablet automatically updates the software (if available), otherwise, when the **Current software is up to date** prompt is displayed, touch **OK**.
5. When updating software, once the update file is downloaded, you can delay the update on the start screen by postponing it for a certain period of time. If you want to resume the update before the selected time, touch **Continue update**.

# Section 10: Health and Safety Information

This section outlines the safety precautions associated with using your Galaxy Tab. The terms “GALAXY” or “mobile device” are used in this section to refer to your Galaxy Tab.

**Read this information before using your mobile device.**

## Exposure to Radio Frequency (RF) Signals

Although GALAXY is not a cell phone, it can operate on the same network as cell phones and can use the same Radio Frequency (RF) signals to communicate with the network as a cell phone. Therefore, although the following information refers specifically to RF exposure from wireless phones, it may apply similarly to GALAXY when it is being used on a cell phone network.

The U.S. Food and Drug Administration (FDA) has published information for consumers relating to Radio Frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

### *Do cell phones pose a health hazard?*

Many people are concerned that cell phone radiation will cause cancer or other serious health hazards. The weight of scientific evidence has not linked cell phones with any health problems.

Cell phones emit low levels of Radio Frequency (RF) energy. Over the past 15 years, scientists have conducted hundreds of studies looking at the biological effects of the radio frequency energy emitted by cell phones. While some researchers have reported biological changes associated with RF energy, these studies have failed to be replicated. The majority of studies published have failed to show an association between exposure to radio frequency from a cell phone and health problems.

The low levels of RF cell phones emit while in use are in the microwave frequency range. They also emit RF at substantially reduced time intervals when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects.

The biological effects of radio frequency energy should not be confused with the effects from other types of electromagnetic energy.

Very high levels of electromagnetic energy, such as is found in X-rays and gamma rays, can ionize biological tissues. Ionization is a process where electrons are stripped away from their normal locations in atoms and molecules. It can permanently damage biological tissues including DNA, the genetic material.

The energy levels associated with radio frequency energy, including both radio waves and microwaves, are not great enough to cause ionization of atoms and molecules. Therefore, RF energy is a type of non-ionizing radiation. Other types of non-ionizing radiation include visible light, infrared radiation (heat), and other forms of electromagnetic radiation with relatively low frequencies.

While RF energy does not ionize particles, large amounts can increase body temperatures and cause tissue damage. Two areas of the body, the eyes and the testes, are particularly vulnerable to RF heating because there is relatively little blood flow in them to carry away excess heat.

### Research Results to Date: Is there a connection between RF and certain health problems?

The results of most studies conducted to date say no. In addition, attempts to replicate and confirm the few studies that have shown a connection have failed.

The scientific community at large therefore believes that the weight of scientific evidence does not show an association between exposure to Radio Frequency (RF) from cell phones and adverse health outcomes. Still the scientific community has supported additional research to address gaps in knowledge. Some of these studies are described below.

### Interphone Study

Interphone is a large international study designed to determine whether cell phones increase the risk of head and neck cancer. A report published in the International Journal of Epidemiology (June, 2010) compared cell phone usage for more than 5,000 people with brain tumors (glioma and meningioma) and a similar number of healthy controls.

Results of this study did NOT show that cell phones caused brain cancer. In this study, most people had no increased risk of brain cancer from using cell phones. For people with the heaviest use of cell phones (an average of more than ½ hour per day, every day, for over 10 years) the study suggested a

slight increase in brain cancer. However, the authors determined that biases and errors prevented any conclusions being drawn from this data. Additional information about Interphone can be found at http://www.iarc.fr/en/media-centre/pr/2010/pdfs/pr200_E.pdf.

Interphone is the largest cell phone study to date, but it did not answer all questions about cell phone safety. Additional research is being conducted around the world, and the FDA continues to monitor developments in this field.

### International Cohort Study on Mobile Phone Users (COSMOS)

The COSMOS study aims to conduct long-term health monitoring of a large group of people to determine if there are any health issues linked to long-term exposure to radio frequency energy from cell phone use. The COSMOS study will follow approximately 300,000 adult cell phone users in Europe for 20 to 30 years. Additional information about the COSMOS study can be found at http://www.ukcosmos.org/index.html.

### Risk of Brain Cancer from Exposure to Radio Frequency Fields in Childhood and Adolescence (MOBI-KIDS)

MOBI-KIDS is an international study investigating the relationship between exposure to radio frequency energy from communication technologies including cell phones and brain cancer in young people. This is an international multi-center study involving 14 European and non-European countries. Additional information about MOBI-KIDS can be found at http://www.creal.cat/programes-recerca/en_projectes-creal/view.php?ID=39.

### Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute

The National Cancer Institute (NCI) actively follows cancer statistics in the United States to detect any change in rates of new cases for brain cancer. If cell phones play a role in risk for brain cancer, rates should go up, because heavy cell phone use has been common for quite some time in the U.S. Between 1987 and 2005, the overall age-adjusted incidence of brain cancer did not increase. Additional information about SEER can be found at http://seer.cancer.gov/.

### Cell Phone Industry Actions

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the cell phone industry to take a number of steps, including the following:

- Support-needed research on possible biological effects of RF for the type of signal emitted by cell phones;
- Design cell phones in a way that minimizes any RF exposure to the user; and
- Cooperate in providing users of cell phones with the current information on cell phone use and human health concerns.

The FDA also is working with voluntary standard-setting bodies such as the Institute of Electrical and Electronics Engineers (IEEE), the International Commission on Non-Ionizing Radiation Protection (ICNIRP), and others to assure that safety standards continue to adequately protect the public.

## *Reducing Exposure: Hands-Free Kits and Other Accessories*

### Steps to Reduce Exposure to Radio Frequency Energy

If there is a risk from being exposed to radio frequency energy (RF) from cell phones - and at this point we do not know that there is - it is probably very small. But, if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your RF exposure.

- Reduce the amount of time spent using your cell phone;
- Use speaker mode or a headset to place more distance between your head and the cell phone.

### Hands-Free Kits

Hands-free kits may include audio or Bluetooth® headsets and various types of body-worn accessories such as belt-clips and holsters. Combinations of these can be used to reduce RF energy absorption from cell phones.

Headsets can substantially reduce exposure because the phone is held away from the head in the user's hand or in approved body-worn accessories. Cell phones marketed in the U.S. are required to meet RF exposure compliance requirements when used against the head and against the body.

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used for convenience and comfort. They are also required by law in many states if you want to use your phone while driving.

### Cell Phone Accessories that Claim to Shield the Head from RF Radiation

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that accessories which claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hands-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

### *Children and Cell Phones*

The scientific evidence does not show a danger to any users of cell phones from RF exposure, including children and teenagers. The steps adults can take to reduce RF exposure apply to children and teenagers as well.

- Reduce the amount of time spent on the cell phone;
- Use speaker mode or a headset to place more distance between the head and the cell phone.

Some groups sponsored by other national governments have advised that children be discouraged from using cell phones at all. For example, The Stewart Report from the United Kingdom made such a recommendation in December 2000. In this report, a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. Their recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (updated 10/1/2010):

- FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/.

- Environmental Protection Agency (EPA): http://www.epa.gov/radtown/wireless-tech.html.
- Occupational Safety and Health Administration (OSHA): http://www.osha.gov/SLTC/radiofrequencyradiation/. (Note: This web address is case sensitive.)
- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/.
- World Health Organization (WHO): http://www.who.int/peh-emf/en/.
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de.
- Health Protection Agency: http://www.hpa.org.uk/Topics/Radiation/.
- US Food and Drug Administration: http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm.

## Specific Absorption Rate (SAR) Certification Information

Your wireless mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for Radio Frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC RF exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The RF exposure limit set by the FCC for wireless mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless devices to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC SAR limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the mobile device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be well below the maximum reported value. This is because the mobile device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the mobile device.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the SAR limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body-worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the mobile device a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines. The FCC has granted an Equipment Authorization for this mobile device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. This tablet has a FCC ID number: A3LSCHI925U [Model Number: SCH-I925U] and the specific SAR levels for this tablet can be found at the following FCC website:
http://www.fcc.gov/oet/ea/.

The SAR information for this device can also be found on Samsung's website:
http://www.samsung.com/sar.

SAR information on this and other model mobile devices can be accessed online on the FCC's website through http://transition.fcc.gov/oet/rfsafety/sar.html. To find information that pertains to a particular model mobile device, this site uses the mobile device FCC ID number, which is usually printed somewhere on the case of the mobile device.

Once you have the FCC ID number for a particular mobile device, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular mobile device. Additional SAR information can also be

obtained at http://www.fcc.gov/encyclopedia/specific-absorption-rate-sar-cellular-telephones.

## FCC Part 15 Information to User

Pursuant to part 15.21 of the FCC Rules, you are cautioned that changes or modifications not expressly approved by Samsung could void your authority to operate the device.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Smart Practices While Driving

### On the Road - Off the Tablet

The primary responsibility of every driver is the safe operation of his or her vehicle.

Responsible drivers understand that no secondary task should be performed while driving whether it be eating, drinking, talking to passengers, or using a mobile device - unless the driver has assessed the driving conditions and is confident that the secondary task will not interfere with their primary responsibility. **Do not engage in any activity while driving a moving vehicle which may cause you to take your eyes off the road or become so absorbed in the activity that your ability to concentrate on the act of driving becomes**

**impaired**. Samsung is committed to promoting responsible driving and giving drivers the tools they need to understand and address distractions.

**Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. For example, only hands-free use may be permitted in certain areas.**

Before using your device to chat with friends, consider your circumstances. Let the chat wait when driving conditions require. Remember, driving comes first, nothing else!

If you consider a chat necessary and appropriate, follow these tips:

- Use a hands-free device;
- Secure your mobile device within easy reach;
- Chat when you are not moving;
- Plan chats when your car will be stationary;
- Do not engage in stressful or emotional conversations;
- Let the person with whom you are speaking know that you are driving and will suspend the chat if necessary;
- Do not take notes or look up information while driving;

Notice regarding legal restrictions on mounting this device in an automobile:

Laws in some states may prohibit mounting this device on or near the windshield of an automobile. In other states, the law may permit mounting this device only in specific locations in the automobile. Be sure to consult the state and local laws or ordinances where you drive before mounting this device in an automobile. Failure to comply with these restrictions could result in fines, penalties, or other damages.

Never mount this device in a manner that will obstruct the driver's clear view of the street and traffic.

**Never use wireless data services such as Web browsing or e-mail while operating a vehicle.**

**Never watch videos, such as a movie or clip, or play video games while operating a vehicle.**

For more information, go to http://www.ctia.org.

## Battery Use and Safety

The battery in GALAXY is not intended to be replaced by the consumer. If you believe the battery is damaged or needs to be replaced, take the GALAXY to a service center for inspection and replacement.

- **Do not let the GALAXY or battery come in contact with liquids**. Liquids can get into the GALAXY's circuits, leading to corrosion. Even when the GALAXY appears to be dry and appears to operate normally, the circuitry could slowly corrode and pose a safety hazard. If the GALAXY and/or battery get wet, have them checked by your service provider or contact Samsung, even if they appear to be working properly.
- **Do not place your battery in or near a heat source**. Excessive heating can damage the GALAXY or the battery and could cause the GALAXY or the battery to explode. Do not dry a wet or damp battery with an appliance or heat source such as a microwave oven, hair dryer, iron, or radiator. Avoid leaving your GALAXY in your car in high temperatures.
- **Do not dispose of the GALAXY or the battery in a fire**. The GALAXY or the battery may explode when overheated.
- **Avoid dropping the GALAXY**. Dropping the GALAXY, especially on a hard surface, can potentially cause damage to the GALAXY. If you suspect damage to the GALAXY or battery, take it to a service center for inspection.
- **Never use any charger or battery that is damaged in any way**.

**Important!** Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers which are specifically designed for your GALAXY.

**WARNING!**

**Use of a non-Samsung-approved battery or charger may present a risk of fire, explosion, leakage, or other hazard**. Samsung's warranty does not cover damage to the GALAXY caused by non-Samsung-approved batteries and/or chargers.

- **Do not use incompatible batteries and chargers**. Some websites and second-hand dealers not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier-recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- **Misuse or use of incompatible batteries and charging devices could result in damage to the equipment and a possible risk of fire, explosion, or leakage, leading to serious injuries, damages to your phone, or other serious hazard**.

## Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile devices and genuine Samsung accessories.

Proper disposal of your mobile device and its battery is not only important for safety, it benefits the environment. Batteries must be recycled or disposed of properly.

For more information about recycling your GALAXY, go to: http://mobile.samsungusa.com/recycling/index.jsp or call 1-800-822-8837 for more information.

To find the nearest recycling location, go to: www.samsung.com/recyclingdirect or call 1-877-278-0799.

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**Warning!** Never dispose of batteries in a fire because they may explode.

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## UL Certified Travel Charger

The Travel Charger for this mobile device has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines:

**FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.**

**IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.**

**DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.**

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

## Display / Touch-Screen

Please note the following information when using your mobile device:

**WARNING REGARDING DISPLAY**

The display on your mobile device is made of glass or acrylic and could break if your mobile device is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

**WARRANTY DISCLAIMER: PROPER USE OF A TOUCH-SCREEN MOBILE DEVICE**

If your mobile device has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, please refer to the “Standard Limited Warranty”.

## GPS

GALAXY can use a Global Positioning System (GPS) signal for location-based applications. A GPS uses satellites controlled by the U.S. Government that are subject to changes implemented in accordance with the Department of Defense policy and the 2008 Federal Radio navigation Plan (FRP). Changes may affect the performance of location-based technology on your mobile device.

### Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. The location-based information may be shared with third-parties, including your wireless service provider, applications providers, Samsung, and other third-parties providing services.

### Navigation

Maps, directions, and other navigation-data, including data relating to your current location, may contain inaccurate or incomplete data, and circumstances can and do change over

time. In some areas, complete information may not be available. **Therefore, you should always visually confirm that the navigational instructions are consistent with what you see before following them. All users should pay attention to road conditions, closures, traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs.**

### Emergency Communication

GALAXY should not be relied upon for essential communications (medical emergencies, calls to 911, or communications to emergency services). GALAXY is not designed or intended to be used for such communications. Voice Over Internet Protocol (VOIP) services which may be used on GALAXY to make phone calls do not support 911 calls and are only intended for talking with friends.

## Care and Maintenance

Your mobile device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years:

**Keep your Samsung Mobile Device away from:**

**Liquids of any kind**

Keep the mobile device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits.

If the mobile device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, because this may damage the mobile device and could cause a fire or explosion. Do not use the mobile device with a wet hand. Doing so may cause an electric shock to you or damage to the mobile device.

**Extreme heat or cold**

Avoid temperatures below 0°C / 32°F or above 45°C / 113°F.

**Microwaves**

Do not try to dry your mobile device in a microwave oven. Doing so may cause a fire or explosion.

**Dust and Dirt**

Do not expose your mobile device to dust, dirt, or sand.

**Cleaning solutions**

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the mobile device. Wipe it with a soft

cloth slightly dampened in a mild soap-and-water solution.

**Shock or vibration**

Do not drop, knock, or shake the mobile device. Rough handling can break internal circuit boards.

**Paint**

Do not paint the mobile device. Paint can clog the device's moving parts or ventilation openings and prevent proper operation.

## Responsible Listening

**Caution! Avoid potential hearing loss.**

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations.

Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cell phones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth®) or other wireless devices).

Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound, and distorted hearing. Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings, and equipment.

You should follow some common sense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- Be aware that you can adapt to higher volume settings over time, not realizing that the higher volume may be harmful to your hearing.

- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech, or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

**American Academy of Audiology**

11730 Plaza American Drive, Suite 300
Reston, VA 20190

Voice: (800) 222-2336
Email: info@audiology.org

Internet:
http://www.audiology.org/Pages/default.aspx

**National Institute on Deafness and Other Communication Disorders**

National Institutes of Health
31 Center Drive, MSC 2320
Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet:
http://www.nidcd.nih.gov/

**National Institute for Occupational Safety and Health (NIOSH)**

395 E Street, S.W., Suite 9200
Patriots Plaza Building
Washington, DC 20201

Voice: 1-800-35-NIOSH
(1-800-356-4674)
1-800-CDC-INFO (1-800-232-4636)
Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet:
http://www.cdc.gov/niosh/topics/noise/default.html

1-888-232-6348 TTY

## Operating Environment

Remember to follow any special regulations in force in any area, and always switch your mobile device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the mobile device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

### Using Your Mobile Device Near Other Electronic Devices

Most modern electronic equipment is shielded from Radio Frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless mobile device. Consult the manufacturer to discuss alternatives.

### Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device when the mobile device is turned ON;
- Should not carry the mobile device in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the mobile device OFF immediately if there is any reason to suspect that interference is taking place;

- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, consult your health care provider.

For more information see: http://www.fcc.gov/oet/rfsafety/rf-faqs.html#.

### Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your mobile device off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

### Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your mobile device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

### Posted Facilities

Switch your mobile device off in any facility where posted notices require you to do so.

### Potentially Explosive Environments

Switch your mobile device off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch the mobile device off while at a refueling point (service station).

Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

### When your Device is Wet

Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately, if applicable (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service center.

## Restricting Children's Access to Your Mobile Device

Your mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the mobile device, or use services that increase your mobile device bill.

Keep the mobile device and all its parts and accessories out of the reach of small children.

## FCC Notice and Cautions

### FCC Notice

The mobile device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the mobile device if such interference cannot be eliminated. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

### Cautions

Any changes or modifications to your mobile device not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers.

The use of any unauthorized accessories may be dangerous and void the mobile device warranty if said accessories cause damage or a defect to the mobile device. Although your mobile device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

## Other Important Safety Information

- Only qualified personnel should service the mobile device. Faulty service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile devices or related equipment used in your vehicle are securely mounted.

- Check regularly that all wireless mobile device equipment in your vehicle is mounted and operating properly.
- When using a headset in dry environments, static electricity can build up in the headset and cause a small quick static electrical shock. To minimize the risk of electrostatic discharge from the headset avoid using the headset in extremely dry environments or touch a grounded unpainted metal object to discharge static electricity before inserting the headset.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the mobile device, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your mobile device off before boarding an aircraft. The use of wireless mobile devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of a mobile device while on an aircraft.
- Failure to observe these instructions may lead to the suspension or denial of network services to the offender, or legal action, or both.
- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.
- Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing games for extended periods. If you feel any discomfort, stop using the device immediately.
- Reduce risk of repetitive motion injuries. When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop use and see a physician.
- If your device has a camera flash or light, do not use the flash or light close to the eyes of people or pets. [122011]

# Section 11: Warranty Information

## Standard Limited Warranty

**What is covered and for how long?**

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants that SAMSUNG's devices and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase by the first consumer purchaser and continuing for the following specified period of time after that date:

| | |
|---|---|
| Tablet | 1 Year |
| Batteries (Including Internal Batteries) | 1 Year |
| Case | 90 Days |
| Other Tablet Accessories | 1 Year |

**What is not covered?**

This Limited Warranty is conditioned upon proper use of Product by Purchaser.

This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to liquid, moisture, dampness, sand or dirt, neglect, or unusual physical, electrical or electromechanical stress; (b) scratches, dents and cosmetic damage, unless caused by SAMSUNG; (c) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (d) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (e) ordinary wear and tear; (f) defects or damage resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (g) defects or damage resulting from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (h) defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, blown fuse, or improper use of any electrical source; (i) defects or damage resulting from cellular signal reception

or transmission, or viruses or other software problems introduced into the Product; or (j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery; (ii) any of the seals on the battery are broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the SAMSUNG Tablet for which it is specified.

**What are SAMSUNG's obligations?**

During the applicable warranty period, provided the Product is returned in accordance with the terms of this Limited Warranty, SAMSUNG will repair or replace the Product, without charge to Purchaser, or at SAMSUNG's sole option, refund the purchase price.

SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced cases will be warranted for a period of ninety (90) days. All other repaired/replaced Products will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for ninety (90) days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of SAMSUNG. This Limited Warranty is extended to the Purchaser and is not transferable or assignable to any other person or entity.

**What must you do to obtain warranty service?**

To obtain service under this Limited Warranty, Purchaser must return the Product to an authorized Tablet service facility in an adequate container for shipping, accompanied by the sales receipt or comparable proof of sale showing the original date of purchase, the serial number of the Product and the seller's name and address.

To obtain assistance on where to deliver the Product, please call SAMSUNG Customer Care at 1-800-SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

Purchaser should keep a separate backup copy of any contents of the Product before delivering the Product to SAMSUNG for warranty service, as some or all of the contents may be deleted or reformatted during the course of warranty service.

**What are the limits on SAMSUNG's liability?**

THIS LIMITED WARRANTY SETS OUT THE FULL EXTENT OF SAMSUNG'S RESPONSIBILITIES, AND THE EXCLUSIVE REMEDY REGARDING THE PRODUCTS. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY.

IN NO EVENT SHALL SAMSUNG BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR FOR, WITHOUT LIMITATION, COMMERCIAL LOSS OF ANY SORT; LOSS OF USE, TIME, DATA, REPUTATION, OPPORTUNITY, GOODWILL, PROFITS OR SAVINGS; INCONVENIENCE; INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES; OR DAMAGES ARISING FROM THE USE OR INABILITY TO USE THE PRODUCT. SOME STATES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE DISCLAIMER OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND DISCLAIMERS MAY NOT APPLY TO YOU.

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Nothing in the Product instructions or information shall be construed to create an express warranty of any kind with respect to the Products. No agent, employee, dealer, representative or reseller is authorized to modify or extend this Limited Warranty or to make binding representations or claims, whether in advertising, presentations or otherwise, on behalf of SAMSUNG regarding the Products or this Limited Warranty.

This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

**What is the procedure for resolving disputes?**

ALL DISPUTES WITH SAMSUNG ARISING IN ANY WAY FROM THIS LIMITED WARRANTY OR THE SALE, CONDITION OR PERFORMANCE OF THE PRODUCTS SHALL BE RESOLVED EXCLUSIVELY THROUGH FINAL AND BINDING ARBITRATION, AND NOT BY A COURT OR JURY. Any such dispute shall not be combined or consolidated with a dispute involving any other person's or entity's Product or claim, and specifically, without limitation of the foregoing, shall not under any circumstances proceed as part of a class action.

The arbitration shall be conducted before a single arbitrator, whose award may not exceed, in form or amount, the relief allowed by the applicable law. The arbitration shall be conducted according to the American Arbitration Association (AAA) Commercial Arbitration Rules applicable to consumer disputes. This arbitration provision is entered pursuant to the Federal Arbitration Act. The laws of the State of Texas, without reference to its choice of laws principles, shall govern the interpretation of the Limited Warranty and all disputes that are subject to this arbitration provision. The arbitrator shall decide all issues of interpretation and application of this arbitration provision and the Limited Warranty.

For any arbitration in which your total damage claims, exclusive of attorney fees and expert witness fees, are $5,000.00 or less (“Small Claim”), the arbitrator may, if you prevail, award your reasonable attorney fees, expert witness fees and costs as part of any award, but may not grant SAMSUNG its attorney fees, expert witness fees or costs unless it is determined that the claim was brought in bad faith. In a Small Claim case, you shall be required to pay no more than half of the total administrative, facility and arbitrator fees, or $50.00 of such fees, whichever is less, and SAMSUNG shall pay the remainder of such fees. Administrative, facility and arbitrator fees for arbitrations in which your total damage claims, exclusive of attorney fees and expert witness fees, exceed $5,000.00 (“Large Claim”) shall be determined according to AAA rules. In a Large Claim case, the arbitrator may grant to the prevailing party, or apportion among the parties, reasonable attorney fees, expert witness fees and costs. Judgment may be entered on the arbitrator’s award in any court of competent jurisdiction.

This arbitration provision also applies to claims against SAMSUNG's employees, representatives and affiliates if any such claim arises from the Product's sale, condition or performance.

**You may opt out of this dispute resolution procedure by providing notice to SAMSUNG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product. To opt out, you must send notice by e-mail to optout@sta.samsung.com, with the subject line: "Arbitration Opt Out." You must include in the opt out e-mail (a) your name and address; (b) the date on which the Product was purchased; (c) the Product model name or model number; and (d) the IMEI or MEID or Serial Number, as applicable, if you have it (the IMEI or MEID or Serial Number can be found (i) on the Product box; (ii) on the Product information screen, which can be found under "Settings;" (iii) on a label on the back of the Product beneath the battery, if the battery is removable; and (iv) on the outside of the Product if the battery is not removable). Alternatively, you may opt out by calling 1-888-987-4357 no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product and providing the same information. These are the only two forms of notice that will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the benefits of the Limited Warranty.**

**Severability**

If any portion of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty.

## *Precautions for Transfer and Disposal*

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

**Important!** Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Samsung Telecommunications America, LLC
1301 E. Lookout Drive
Richardson, Texas 75082

Phone: 1-800-SAMSUNG

Phone: 1-888-987-HELP (4357)

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15. DISPUTE RESOLUTION.

(a) Non-United States residents. If a dispute, controversy or difference is not amicably settled, it shall be finally resolved by arbitration in Seoul, Korea in accordance with the Arbitration Rules of the Korean Commercial Arbitration Board. The award of arbitration shall be final and binding upon the parties.

(b) United States residents. ALL DISPUTES WITH SAMSUNG ELECTRONICS CO. ARISING IN ANY WAY FROM THIS EULA OR YOUR USE OF THE SOFTWARE SHALL BE RESOLVED EXCLUSIVELY THROUGH FINAL AND BINDING ARBITRATION, AND NOT BY A COURT OR JURY. Any such dispute shall not be combined or consolidated with any other person's or entity's claim or dispute, and specifically, without limitation of the foregoing, shall not under any circumstances proceed as part of a class action. The arbitration shall be conducted before a single arbitrator, whose award may not exceed, in form or amount, the relief allowed by the applicable law. The

arbitration shall be conducted according to the American Arbitration Association (AAA) Commercial Arbitration Rules applicable to consumer disputes. This arbitration provision is entered pursuant to the Federal Arbitration Act. The laws of the State of Texas, without reference to its choice of laws principles, shall govern the interpretation of the EULA and all disputes that are subject to this arbitration provision. The arbitrator shall decide all issues of interpretation and application of this arbitration provision and the EULA. For any arbitration in which your total damage claims, exclusive of attorney fees and expert witness fees, are $5,000.00 or less ("Small Claim"), the arbitrator may, if you prevail, award your reasonable attorney fees, expert witness fees and costs as part of any award, but may not grant Samsung Electronics Co. its attorney fees, expert witness fees or costs unless it is determined that the claim was brought in bad faith. In a Small Claim case, you shall be required to pay no more than half of the total administrative, facility and arbitrator fees, or $50.00 of such fees, whichever is less, and Samsung Electronics Co. shall pay the remainder of such fees. Administrative, facility and arbitrator fees for arbitrations in which your total damage claims, exclusive of attorney fees and expert witness fees, exceed $5,000.00 ("Large Claim") shall be determined according to AAA rules. In a Large Claim case, the arbitrator may grant to the prevailing party, or apportion among the parties, reasonable attorney fees, expert witness fees and costs. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction. This arbitration provision also applies to claims against Samsung Electronics Co.'s employees, representatives and affiliates if any such claim arises from the licensing or use of the Software. You may opt out of this dispute resolution procedure by providing notice to Samsung Electronics Co. no later than 30 calendar days from the date of the first consumer purchaser's purchase of this device. To opt out, you must send notice by e-mail to optout@sta.samsung.com, with the subject line: "Arbitration Opt Out." You must include in the opt out e-mail (a) your name and address; (b) the date on which the device was purchased; (c) the device model name or model number; and (d) the IMEI or MEID or Serial Number, as applicable, if you have it (the IMEI or MEID or Serial Number can be found (i) on the device box; (ii) on the device information screen, which can be found under "Settings;" (iii) on a label on the back of the device beneath the battery, if the battery is removable; and (iv) on the outside of the device if the battery is not removable). Alternatively, you may opt out by calling 1-888-987-4357 no later than 30 calendar days from the

date of the first consumer purchaser's purchase of the device and providing the same information. These are the only two forms of notice that will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect your use of the device or its preloaded Software, and you will continue to enjoy the benefits of this license.

16. ENTIRE AGREEMENT; SEVERABILITY. This EULA is the entire agreement between you and Samsung Electronics Co. relating to the Software and supersedes all prior or contemporaneous oral or written communications, proposals and representations with respect to the Software or any other subject matter covered by this EULA. If any provision of this EULA is held to be void, invalid, unenforceable or illegal, the other provisions shall continue in full force and effect. [101212]

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